# SUMTER COUNTY BOARD OF COMMISSIONERS EXECUTIVE SUMMARY

SUBJECT:	* S2009-0010 - Special Use for Peat Excavation - Girl Scouts of West Central					
	Florida/Black Gold Compost (	Company - Camp Wildwood o	on C-462W Royal - 5:30			
	p.m. Public Hearing		-			
REQUESTED	ACTION: Zoning & Adjusment Board Recommendation of Approval Subject to Staff Conditions					
	☐ Work Session (Report Onl	y) <b>DATE OF MEETING:</b>	9/8/2009			
	Regular Meeting	Special Meeting				
CONTRACT:	⊠ N/A	Vendor/Entity:				
	Effective Date:	Termination Date:				
	Managing Division / Dept:					
BUDGET IMP	ACT:					
Annual	<b>FUNDING SOURCE:</b>					
Capital	EXPENDITURE ACCOU	UNT:				
N/A						

#### **HISTORY/FACTS/ISSUES:**

\* C2000 0010 C

The Girl Scouts of West Central Florida and Black Gold Composting Company requested special use approval to allow for the restoration of a lake (Gator Pond) and related excavation of horticultural peat. Gator Pond is located within the Girl Scout's Camp Wildwood. Camp Wildwood is on the north side of C-462W between CR 209 and CR 223. The purpose of the project is to restore Gator Pond to provide for enhanced recreational uses by the Girl Scouts, restore the lake and surrounding wetlands to historic conditions, and provide peat for use in a commercial operation (Black Gold Compost Company).

Staff review of the application included review by the County's consulting hyro-geological consultants, Tetra-Tech. Based on staff review of the application, staff and the Development Review Committee recommend approval of the request subject to the following conditions:

Any change in the ownership of the subject property or excavator shall be reported to the County within 30 days. The conditions of this special use are binding on all future property owners or excavators;

The restoration/excavation process shall be performed consistent with the conceptual plans signed and sealed by Jeffrey Schaffer, P.E., on July 10, 2009, and project narrative dated May 22, 2009, as amended by the conditions of this special use permit;

This special use permit shall expire 5 years from the commencement of restoration/excavation activities. The excavator shall notify the County upon commencement of restoration/excavation activities;

Hours of operation of the restoration/excavation activity shall be limited to Monday though Friday, 7 a.m. to 6:00 p.m. If weekend activity is required due to weather or market conditions, the excavator shall notify the County 48 hours in advance of weekend activity;

Engineering plan approval by the Sumter County Development Review Committee of the final

restoration/excavation plans shall be obtained prior to commencement of any restoration/excavation activities;

All outside agency permits and monitoring reports shall be provided to the County;

Traffic shall be limited to a maximum of 20 trucks and 5 personal vehicles per day;

No material may be hauled from the site between the hours of 6 a.m. to 9 a.m. and 4 p.m. to 6:00 p.m. to avoid peak travel periods;

Trucks coming to and leaving the site shall only utilize the haul routes identified on the approved conceptual plan;

Access for the restoration/excavation activities shall be limited to a single driveway on C-462W as shown on the conceptual plans. The driveway shall be permitted though Sumter County Public Works and provide for appropriate signage designating the driveway as a truck entrance;

Whenever material or water from the restoration/excavation activities makes the condition of C-462W unacceptable within ¼ mile of the entrance, the Director of Public Works shall notify the applicant. Within 48 hours of notification, or within a time limit set by the Director of Public Works, the applicant shall correct the condition at the applicant's expense;

If any repairs are needed to any of the designated haul routes due to the traffic generated by the restoration/excavation activities, the applicant shall share the proportionate cost of such repairs with the County. The Director of Public Works may require the applicant to post a bond. The amount of the bond shall be the proportionate share of the cost of repair as determined by the Director of Public Works;

The applicant shall provide a Uniform Mitigation Assessment Method (UMAM) of wetlands as part of the engineering plan submittal;

The applicant shall provide a typical cross section of areas to be excavated (both pre and post excavation) at Gator Pond as part of the engineering plan submittal;

The applicant shall provide a detailed planting plan as part of the engineering plan submittal;

The applicant shall provide information regarding the thickness of the muck blanket and details of the re-vegetation of the wetland reclamation/mitigation areas as part of the engineering plan submittal;

The applicant shall provide detailed information regarding the design and location of the piezometers as part of the engineering plan submittal;

The applicant shall provide a final long term maintenance agreement of the reclaimed/mitigated wetlands as part of the engineering plan submittal;

The applicant shall provide detailed information regarding the timeframe required prior to supplemental planting of desirable wetland species if the herbaceous cover does not re-vegetate the wetland reclamation/mitigation as planned as part of the engineering plan submittal;

If the County utilizes a consultant for the enforcement of the conditions of this special use permit, then the property owner/applicant shall reimburse the County within 90 days of the demand for payment

sent to the property owner/applicant by certified mail for the actual cost of the consultant for the enforcement activities. Failure to reimburse the County shall result in the immediate expiration of this special use permit;

County personnel shall be allowed to access the site at all times to perform unscheduled monitoring inspections;

Suspension, expiration, or revocation of any other agency permit shall result in the immediate suspension, expiration, or revocation of this special use permit;

Notwithstanding the previous expiration conditions, this special use permit may be suspended or revoked by the Board of County Commissioners consistent with Section 13-144(e), Sumter County Land Development Code.

On August 17, 2009, the Zoning & Adjustment Board held a public hearing for this case. After consideration of evidence presented at the public hearing, the Zoning & Adjustment Board recommended approval of the special use subject to staff conditions.

There were 84 notices sent - 9 in favor and 4 in opposition.

The staff report and application information are attached for information.

#### SUMTER COUNTY ZONING AND ADJUSTMENT BOARD August 17, 2009

#### SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS September 8, 2009

**CASE NO.** S2009-0010

**OWNER:** Girl Scouts of West Central Florida

**APPLICANT/EXCAVATOR:** Black Gold Composting Company

**REPRESENTATIVE:** Weaver Boos Consultants

**REQUESTED ACTION:** Special Use Permit to allow restoration of an 84

acre lake and associated excavation of peat

**LEGAL DESCRIPTION:** Section 25, Township 18 South, Range 22 East,

all that land in said Section laying north and east of the right-of-way of C-462, less the Northeast 1/4 of the Northeast 1/4 of said Section, less the Southeast 1/4 of the Northwest 1/4 of the

Northeast 1/4 of said Section, and less any public

road right-of-way.

**LEGAL TO BE UTILIZIED:** Section 25, Township 18 South, Range 22 East,

all that land in the Southeast 1/4 of said Section,

the East 1/2 of the Southwest 1/4 of said Section, the South 1/2 of the Northeast 1/4 of said Section, and the Southeast 1/4 of the

Northwest 1/4 of said Section

EXISTING ZONING: A5/A1

FUTURE LAND USE: Public/Institutional/Educational

**EXISTING USE:** Camp Wildwood (Girl Scouts)

**PARCEL SIZE:** 574 acres MOL (parent parcel)

84 acres MOL (project area)

**GENERAL LOCATION:** Royal

**COMMISSIONER'S DISTRICT:** Don Burgess

#### **CASE SUMMARY:**

The Girl Scouts of West Central Florida and Black Gold Composting Company requested special use approval to allow for the restoration of a lake (Gator Pond) and related excavation of horticultural peat. Gator Pond is located within the Girl Scout's Camp Wildwood. Camp Wildwood is on the north side of C-462W between CR 209 and CR 223. The purpose of the project is to restore Gator Pond to provide for enhanced recreational uses by the Girl Scouts, restore the lake and surrounding wetlands to historic conditions, and provide peat for use in a commercial operation (Black Gold Compost Company).

#### **CASE SUMMARY:**

Pursuant to Section 13-143, Sumter County Land Development Code, the proposed special use must meet the following requirements for approval (Staff's review of each of the findings is provided in *italic text*):

o The use must be in harmony with the purpose and intent of this chapter.

Section 13-771 of the Sumter County Land Development Code provides for specific standards for excavation. The following provides the standards from Section 13-771 and staff assessment of compliance with the standards.

Excavation is permissible as a permitted or special use where indicated by use 6.100 on Table 13-362A and intended to provide for such use in a manner that has the least possible adverse impact to the community.

The subject property has a future land use of Public/Institutional/ Educational (PIE) and zoning of A1 and A5. Excavation is allowed as a special use within the zonings. The PIE future land use reflects the use of the subject property as the Girl Scout's Camp Wildwood. The end result of the restoration and peat excavation is a lake that will provide enhanced recreational opportunities for the Girl Scouts and assist in restoring the historic natural function of the lake. The principal use of the subject property remains as the Girl Scout's Camp Wildwood. The lake restoration and associated excavation of peat is a secondary and temporary use.

Special use excavation permits are issued jointly to the property owner and excavator designated therein. A change in owner or excavator shall be reported to the commission, in writing, by certified mail, within thirty (30) days of such change by the new owner or excavator.

This special use permit is issued to the Girl Scouts of West Central Florida, as property owner, and Black Gold Compost Company, as excavator.

No excavation shall occur within fifty (50) feet of adjoining property owned by others or the right-of-way of any public road or street.

The area proposed for excavation at Gator Pond at its closest point is approximately:

- *300 feet from the northern property line;*
- 600 feet from the eastern property line;
- 1,300 feet from the southern property line;
- 1,900 feet from the western property line.

The proposed staging/stockpile area is 650 feet from the southern property line and approximately 0.5 miles from the eastern and western property lines.

These large separation areas will assist in minimizing the impact of the restoration and excavation activities on surrounding properties.

As specified in the special use approval, the authority may impose appropriate screening requirements.

The area surrounding the proposed restoration and excavation area and staging/stockpile area is heavily wooded. This existing heavily wooded area will remain. The heavily wooded areas combined with the large separation areas will generally block the view of the restoration and excavation activity from surrounding properties and will minimize potential impacts.

The area being lowered shall be sloped at a rate of not more than one (1) foot vertically to three (3) feet horizontally.

Any alterations to the lake bed or side slopes shall be governed by the conditions and restrictions of the permit from the Florida Department of Environmental Protection.

Upon completion, each excavation shall be reclaimed so as to permit use of the land in conformity with the existing land use zone and usage of the surrounding area.

The proposed reclamation at the conclusion of the restoration and excavation is the enhanced use of Gator Pond for recreational and educational activities of the Girl Scouts and to return the lake to its historical condition as a natural wetland lake system.

Blasting is considered a mining activity and is expressly prohibited as an excavation activity.

No blasting is proposed.

Lowering the groundwater levels by pumping is considered a mining activity and is expressly prohibited as an excavation activity.

The applicant is proposing to only lower the water within Gator Pond on a temporary and localized basis to excavate the muck. The displaced water will be immediately pumped to an adjoining portion of Gator Pond. Thus, the net effect on the water table is negligible. However, the applicant will install groundwater monitoring stations to assure there are no significant effects on groundwater beyond the property boundary.

The use must be compatible with surrounding uses and existing and anticipated land use patterns in the area and must not be detrimental to the neighborhood environment and must not unduly infringe on the rights of property owners in the vicinity of the use.

The future land use of the surrounding properties is Agriculture with a mix of A5, RR, and M1 zonings.

The existing development pattern of the surrounding areas is primarily vacant agricultural lands and rural residential homes. However, there is an industrial operation located on C-462 directly to the west of the subject property. This existing industrial use is for T&D Concrete. The location and surrounding uses and future land uses are shown on Exhibit 1.

The proposed lake restoration and associated peat excavation is secondary to the use of the subject property as the Girl Scout's Camp Wildwood.

The applicant has proposed operational hours of Monday through Friday from 7:00 a.m. to 6:00 p.m., with occasional weekends in response to weather conditions. Staff concurs with the operational hours with the condition that the County be notified at least 48 hours prior to any weekend operations.

In addition, the applicant has proposed a time period of 5 to 10 years to complete the restoration and peat mining. The applicant anticipates completion of all required permitting by 2011, which results in an end date between 2016 and 2021. Staff recommends that the special use permit be granted for a period of 5 years from the commencement of restoration/excavation activities. At the conclusion of the 5 year period, the applicant may re-apply to renew the special use permit.

The use must not adversely affect the public interest. Adequate traffic circulation, sanitary, utility, drainage, refuse management, emergency services and similar necessary facilities and services shall be available for the use. A use shall not create hazardous vehicular or pedestrian traffic conditions, or parking congestion, or generate traffic that exceeds the capability of roads and streets serving the use, or otherwise affect public safety. It shall not adversely affect the county's ability to provide essential public services. A vehicular parking or traffic problem must not be created, and the vehicular average daily traffic created on local roads must not be increased by more than five (5)

percent. Staff, reviewing agencies and the commission may rely on input from the Florida Department of Transportation, the Florida Highway Patrol and the Sumter County Sheriff's office in making this determination.

The subject property access for lake restoration and peat excavation activities is limited to C-462W. The haul route for trucks for the restoration and excavation activities is limited to C-462W, CR 475N, C-466W, I-75, SR 44, and US 301. Based on 2009 traffic counts for these roads, the proposed 25 vehicles per day (20 trucks and 5 personal vehicles) is less than the 5% threshold. The existing background traffic plus the additional trips for the proposed special use are within the capacities of the adopted level of service for the proposed haul route.

In addition, the applicant has agreed to not haul material from the site between the hours of 6 a.m. to 9 a.m. and 4 p.m. to 6:00 p.m. to avoid peak travel periods.

The proposed land application does not result in any impacts to the provision of utilities, refuse management, drainage, or emergency service.

The site must be suitable for the proposed use, considering flood hazard, drainage, soils, and other conditions which may pose a danger to life, health or property. The location, construction, operation, and maintenance of the use shall have no more than a minimal adverse effect on the environment and public health, safety, and welfare. If found necessary and effective, the site upon which the use is located shall have screening and buffering sufficient to minimize interference with the enjoyment of surrounding properties. The impact of nuisance or hazardous features involved in the use shall be minimized by buffers such as screening or open areas.

Due to the complex technical issues related to the special use permit for the lake restoration and peat excavation (i.e. impacts to wetlands, surface waters, groundwater, and other environmental issues), staff forwarded this application to the County's geotechnical/environmental consultants, Tetra-Tech, for review and recommendation.

On June 22, 2009, Tetra-Tech submitted their review of the application. Tetra-RTech's review includes a site inspection on June 18, 2009. Tetra-Tech's initial review requested additional information from the applicant. Tetra-Tech's review comments were provided to the applicant to provide a response.

On June 25, 2009, the applicant provided a response to Tetra-Tech's initial review comments. Tetra-Tech reviewed the response and provided their second round of comments on July 16, 2009. Tetra-Tech's second review found the responses by the applicant acceptable subject to the following conditions placed in the special use approval:

- The applicant must provide a Uniform Mitigation Assessment Method (UMAM) of wetlands as part of the engineering plan submittal;
- The applicant must provide a typical cross section of areas to be excavated (both pre and post excavation) at Gator Pond as part of the engineering plan submittal;

- The applicant shall provide a detailed planting plan as part of the engineering plan submittal;
- The applicant shall provide information regarding the thickness of the muck blanket and details of the revegetation of the wetland reclamation/mitigation areas as part of the engineering plan submittal;
- The applicant shall provide detailed information regarding the design and location of the piezometers as part of the engineering plan submittal;
- The applicant shall provide a final long term maintenance agreement of the reclaimed/mitigated wetlands as part of the engineering plan submittal; and
- The applicant shall provide detailed information regarding the timeframe required prior to supplemental planting of desirable wetland species if the herbaceous cover does not re-vegetate the wetland reclamation/mitigation as planned as part of the engineering plan submittal.

Additionally, the proposed lake restoration and excavation of peat requires additional environmental permitting by the Florida Department of Environmental Protection/Army Corps of Engineers (Environmental Resources Permit) and the Southwest Florida Water Management District. Impacts to environmental resources will be further regulated by these Federal and State agencies. The applicant will be required to provide the County copies of all other regulatory agency permits.

#### DIVISION OF PLANNING & DEVELOPMENT STAFF CONCLUSIONS:

Staff finds the application sufficient and in compliance with the minimum requirements of the Sumter County Land Development Code and recommends approval subject to the following conditions:

- Any change in the ownership of the subject property or excavator shall be reported to the County within 30 days. The conditions of this special use are binding on all future property owners or excavators.
- o The restoration/excavation process shall be performed consistent with the conceptual plans signed and sealed by Jeffrey Schaffer, P.E., on July 10, 2009, and project narrative dated May 22, 2009, as amended by the conditions of this special use permit;
- This special use permit shall expire 5 years from the commencement of restoration/excavation activities. The excavator shall notify the County upon commencement of restoration/excavation activities;
- Hours of operation of the restoration/excavation activity shall be limited to Monday though Friday, 7 a.m. to 6:00 p.m. If weekend activity is required due to weather or market conditions, the excavator shall notify the County 48 hours in advance of weekend activity;

- Engineering plan approval by the Sumter County Development Review Committee of the final restoration/excavation plans shall be obtained prior to commencement of any restoration/excavation activities;
- All outside agency permits and monitoring reports shall be provided to the County;
- o Traffic shall be limited to a maximum of 20 trucks and 5 personal vehicles per day;
- O No material may be hauled from the site between the hours of 6 a.m. to 9 a.m. and 4 p.m. to 6:00 p.m. to avoid peak travel periods;
- Trucks coming to and leaving the site shall only utilize the haul routes identified on the approved conceptual plan.
- Access for the restoration/excavation activities shall be limited to a single driveway on C-462W as shown on the conceptual plans. The driveway shall be permitted though Sumter County Public Works and provide for appropriate signage designating the driveway as a truck entrance;
- Whenever material or water from the restoration/excavation activities makes the condition of C-462W unacceptable within ¼ mile of the entrance, the Director of Public Works shall notify the applicant. Within 48 hours of notification, or within a time limit set by the Director of Public Works, the applicant shall correct the condition at the applicant's expense;
- o If any repairs are needed to any of the designated haul routes due to the traffic generated by the restoration/excavation activities, the applicant shall share the proportionate cost of such repairs with the County. The Director of Public Works may require the applicant to post a bond. The amount of the bond shall be the proportionate share of the cost of repair as determined by the Director of Public Works;
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- The applicant shall provide detailed information regarding the timeframe required prior to supplemental planting of desirable wetland species if the herbaceous cover does not revegetate the wetland reclamation/mitigation as planned as part of the engineering plan submittal;
- o If the County utilizes a consultant for the enforcement of the conditions of this special use permit, then the property owner/applicant shall reimburse the County within 90 days of the demand for payment sent to the property owner/applicant by certified mail for the actual cost of the consultant for the enforcement activities. Failure to reimburse the County shall result in the immediate expiration of this special use permit;
- County personnel shall be allowed to access the site at all times to perform unscheduled monitoring inspections;
- Suspension, expiration, or revocation of any other agency permit shall result in the immediate suspension, expiration, or revocation of this special use permit;
- Notwithstanding the previous expiration conditions, this special use permit may be suspended or revoked by the Board of County Commissioners consistent with Section 13-144(e), Sumter County Land Development Code.

Notices Sent:	82	(In objection)	4	(In favor)	9			
Zoning & Adju	ustmen	nt Board Recomm	<u>iendati</u>	on: Approve Sub	ject to	Staff Con	ditions (10	-0)
Roard of Coun	ity Cor	nmissioners:						

Map Prepared By: Sumter County Planning 8/12/09

**Location & Land Uses** 

2,000 Feet 1,000



# JMTER COUNTY ZONING AND ADJUSTMENT BOARD

roject No: \$2009-0010 Application: 3/31/2009 SG

910 N. Main Street, Suite 301, Bushnell, FL 33513 Tel. (352) 793-0270 Fax (352) 793-0274

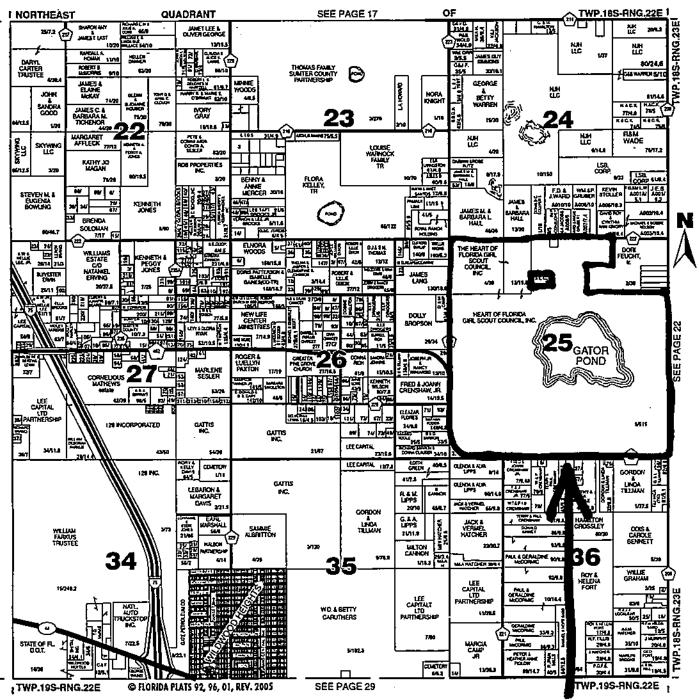
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PROJECT TYPE PROJECT SUBTYPE			· <u>·</u>	PROJECT DESCRIPTION MAJOR SUP TO ALLOW EXCAVATION OF PEAT				
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OWNER			ADDRESS				PHON	1
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PARCEL#	SEC/TWP/RNG	GENER/	VL.		CTIONS TO PROPER			
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As owner/agent, I agree to post the hearing plaques within 24 hours on the property's road frontage at the corners and at 300' intervals between. I understand any action on my application will be governed by Sumter County's Comprehensive Plan and Development Code, and my payment of the non-refundable application fee will not influence the decision made on this application.								
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			Signature(s)		<u> </u>			Date
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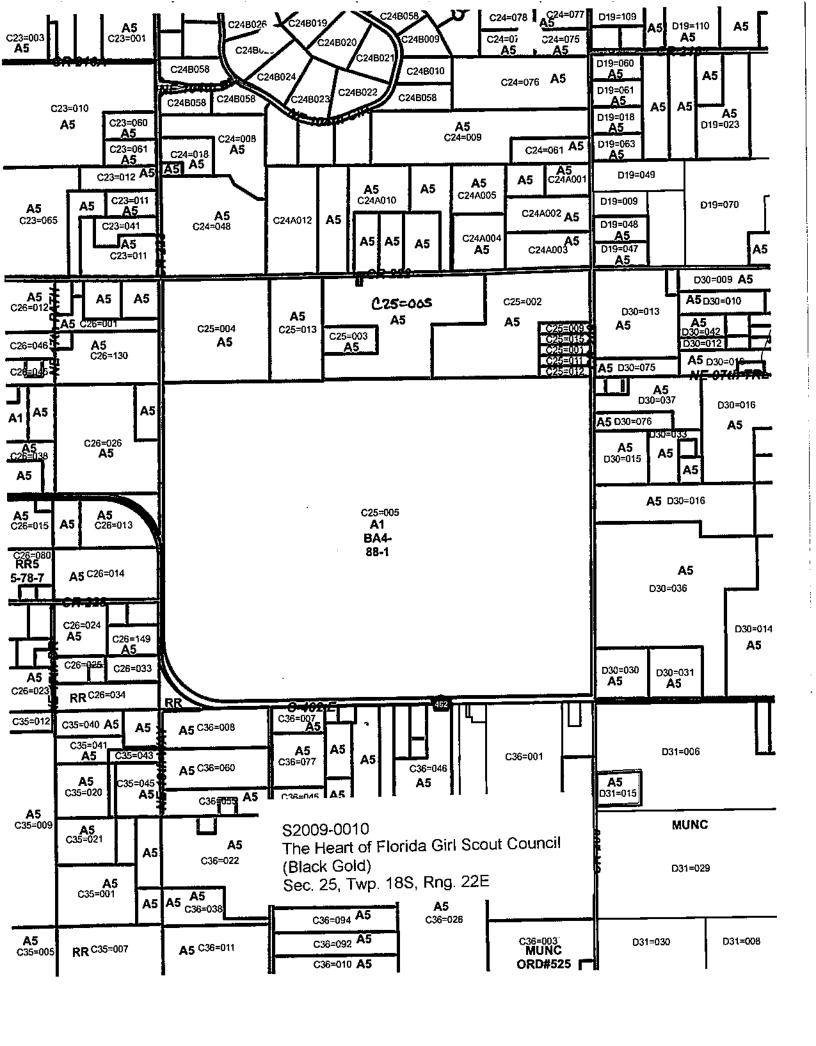
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#### .18S-RNG.22E JTHEAST QUADRANT

SUMTER COUNTY, FLORIDA



S2009-0010 The Heart of Florida Girl Scout Council (Black Gold) Sec. 25, Twp. 18S, Rng. 22E



Conceptual Plans

# Camp Wildwood Girl Scout Property Gator Pond Restoration by Mining

Part Section 25, Township 18S, Range 22E Sumter County, Florida

CONSULTANTS

BOOS BOOS

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Overall Property Description

A part of Socion 25, Township 18 South, Rango 22 East, in Sumier County, Florida, more particularly described as follows:

Existing Land Use and Topography

Location Map/Routo Map

C1.2

Title Sheet

Shoot Index: C1.1 ..... **Existing FLUCCS and Wettands** Existing Soits and Flood Zones

C2.3

C2.4

53.1

**C27** 

23

All that land in said Section taying North and East of the right-of-way of the Stato Road (now County Road 462), lass the Northeast Quarter of the Northeast Quarter said Soction 25, loss the Southoast Quarter of the Northwest Quarter of the Northwest Quarter of the Northeast Quarter of said Section 25, and loss any public road right-of-way.

Proposed Project Area Description

Open Water Historical Comparison

Proposed Monitoring Plan

633

Proposed Phasing Plan

A part of Section 25, Township 18 South, Rango 22 East, in Sumier County, Florids, more particularly described as follows:

Also, the East Holf of the Southwest Quarter of said Section 25; Also, the South Half of the Northeast Quarter of said Section 25; Also, the Southeast Quarter of the Northwest Quarter of said Section 25. The Southeast Quarter of said Section 25;

Michael Lange, Prestdent Black Gold Composting Company Restoration/Mining Operator: P.O. Box 18066 Tampa, Florida 33679 (813) 262-1812

P.O. Box 190 Oxford, Florida 34484 (352) 748-0569

Entitlements: FLU Designation: Institutional Zoning: Agricultural

N. 389 There has Careforn Instruct LLC

Title Sheet

Sumter County, Florida

Gator Pond Restoration by Mining

Conceptual Plans

Jody Johnston, CEO Girl Scouts of West Contral Florida

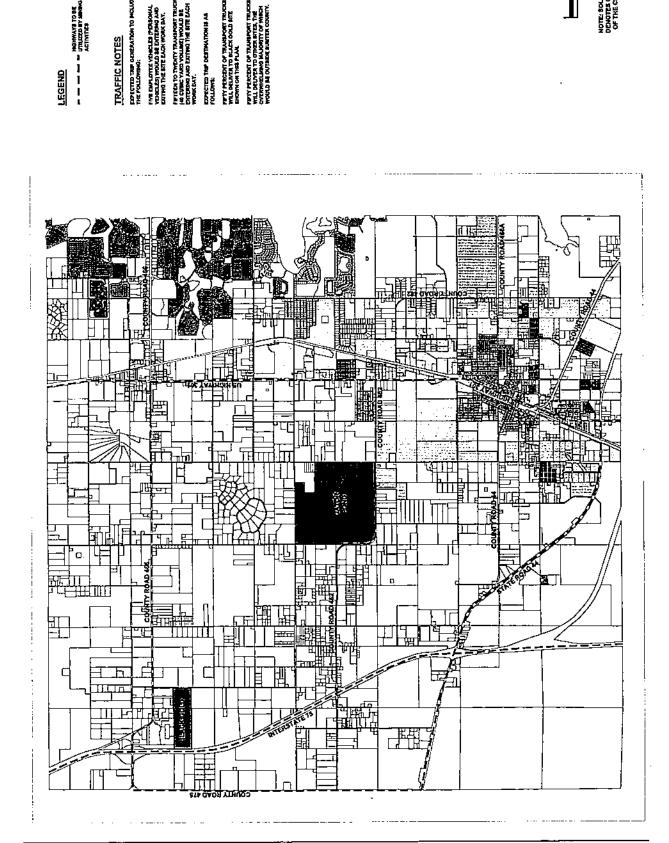
Property Information: Camp Wildwood 9554 County Road 209 Wildwood, Florida (352) 748-2825

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Part of Section 25, Twp 18S, R 22E C25=004 and C25=005

Property Area: 574 Acres

Pond Area: 84 Acres

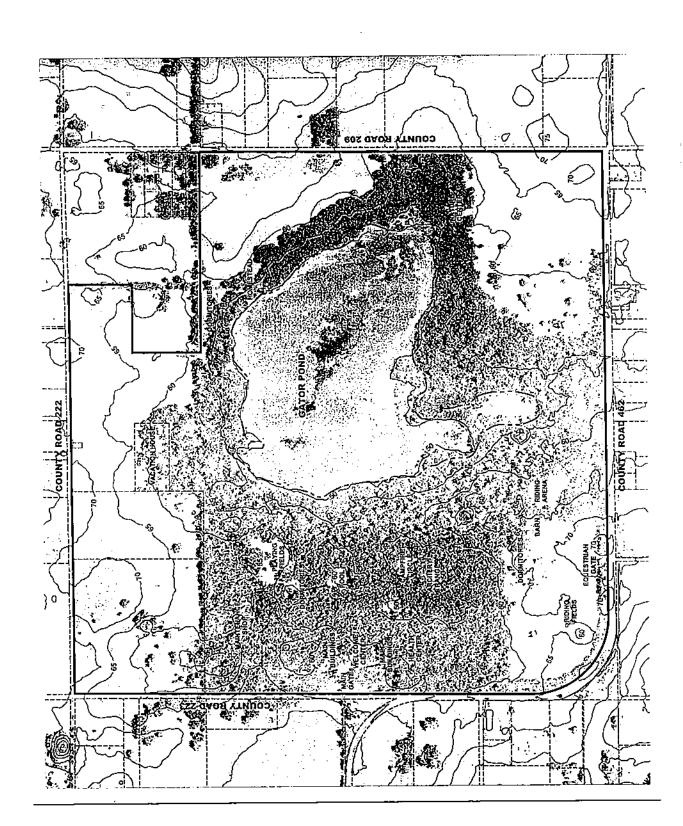


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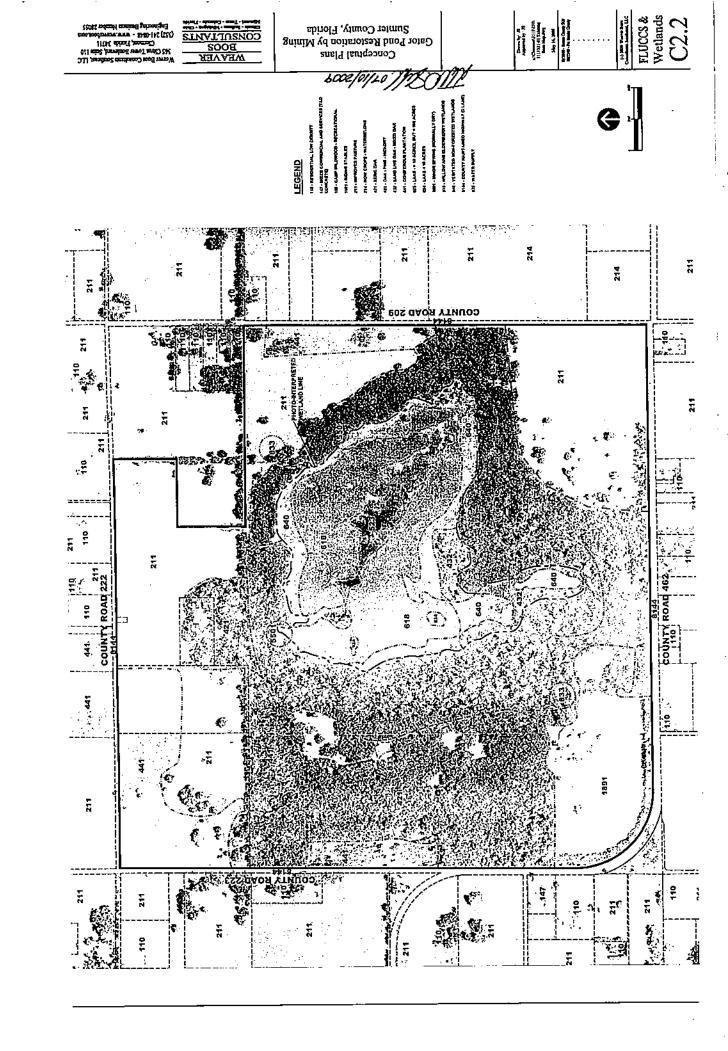
Sumice County, Florida Conceptual Plans Gator Pond Restoration by Mining Location Map

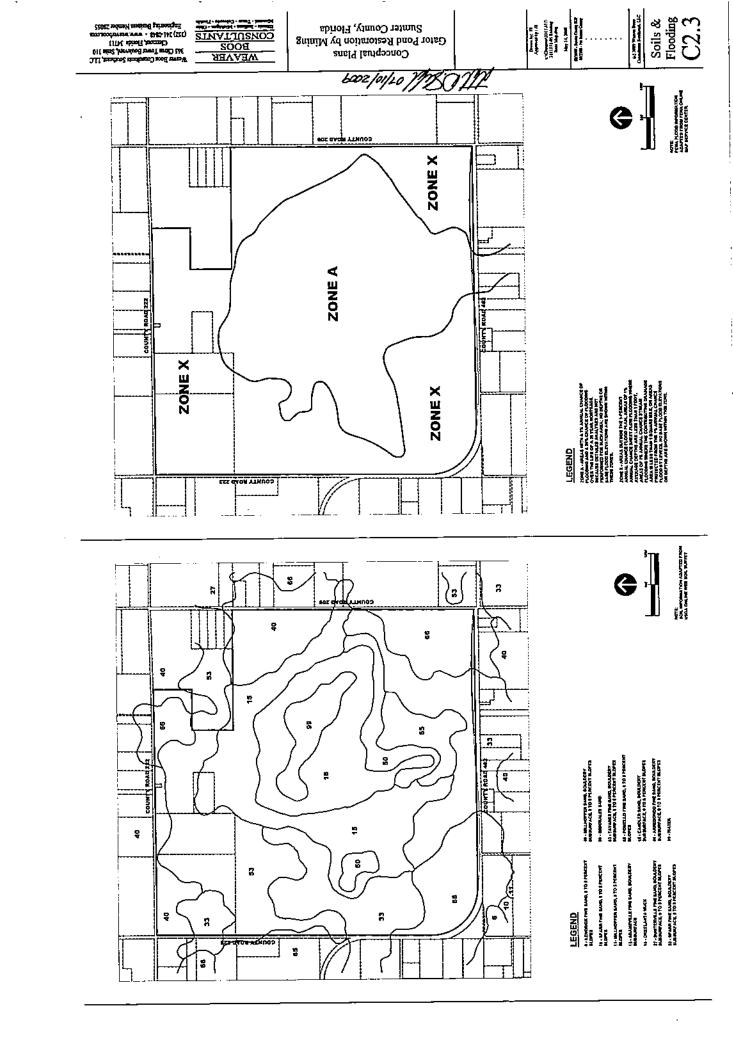


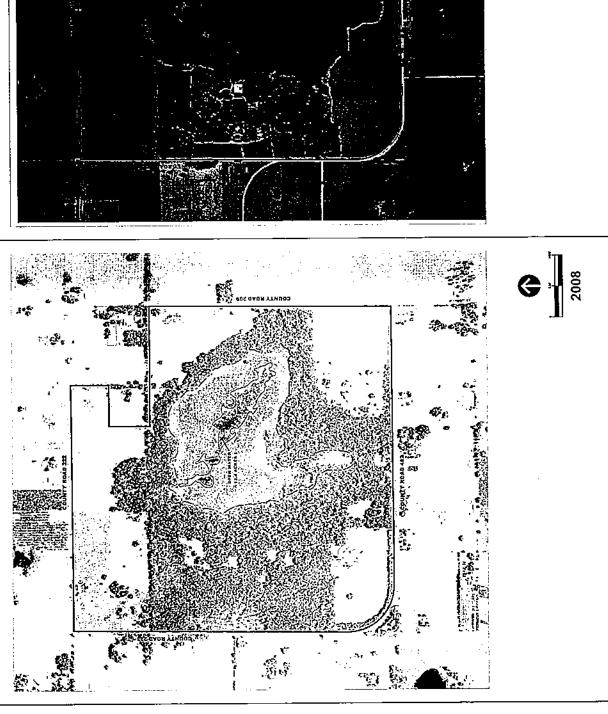
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Conceptual Plans Gator Pond Restoration by Mining Sumter County, Florida







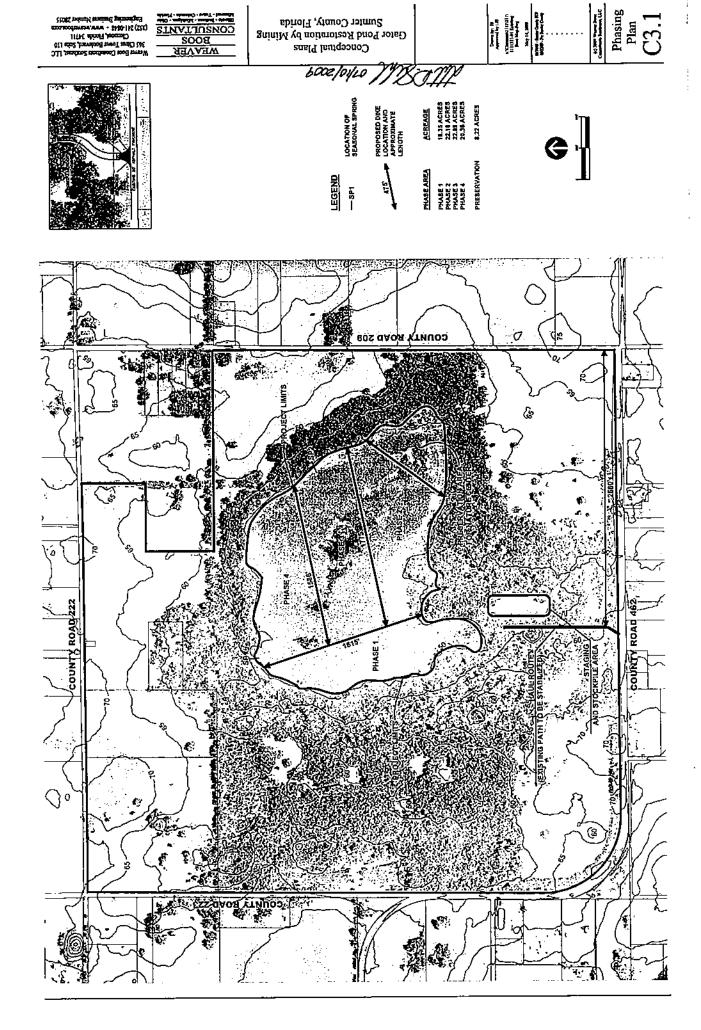


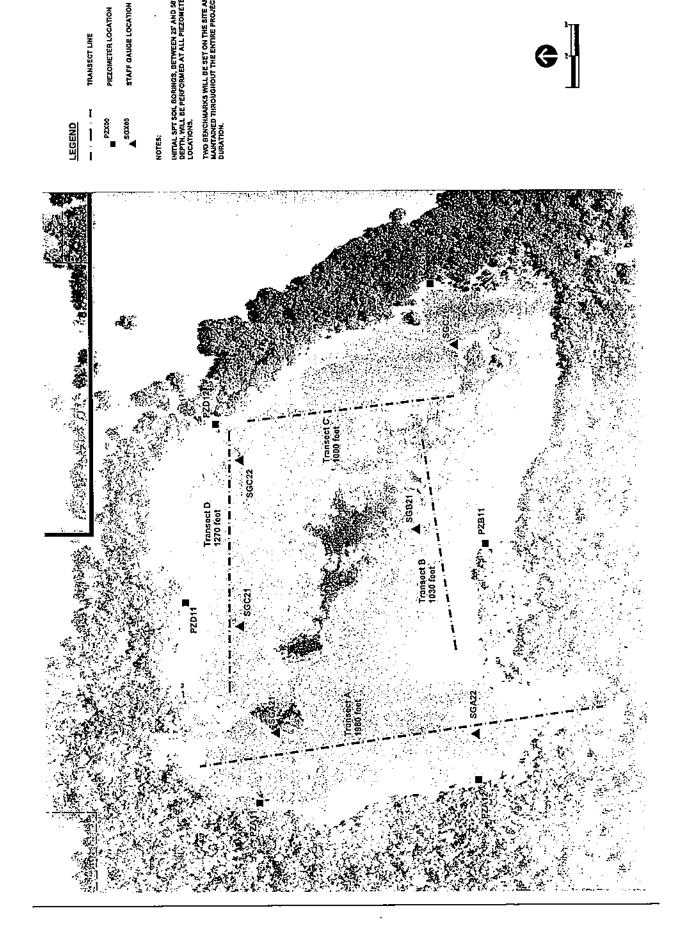
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Conceptual Plans Gator Pond Restoration by Mining Sumter County, Florida

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Monitoring Plan

### **Project Narrative**

# Girl Scout Camp Wildwood Gator Pond Restoration by Mining

Sumter County, Florida

Prepared for:
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P.O. Box 190
Oxford, Florida 34484

Prepared by:

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> March 30, 2009 Revised May 22, 2009

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# Section 1 Project Introduction

Many lakes and ponds in Florida experience increased muck deposits, expansion of shoreline vegetation (deep water encroachment), and tussock formation (tussocks are islands or mats of marsh plants) which negatively affect the water quality, fisheries habitat (loss of lake bottom suitable for propagation), other wildlife uses and recreational activities. Gator Pond, located in Sumter County, is an example of such a water body.

Gator Pond is an approximate 84-acre lake located on the approximate 600-acre Camp Wildwood property, which is located northwest of and adjacent to the corporate limits of the City of Wildwood. The main access to the camp is located on County Road 223 along the west side of the site. The property also has roadway frontage along County Road 462 to the south and west, County Road 209 to the east and County Road 222 to the north.

The property is owned by the Girl Scouts of West Central Florida (P.O. Box 18066, Tampa, Florida 33679). Girls from an eight county jurisdiction benefit from the recreational uses on the property which include:

Welcome center

- Equestrian center

- Nature center

Playing field

- Swimming pool

- Habitat study area

Boat docks

Observation decks

- Canoeing

Kayaking

The water-related activities associated with Gator Pond have been impacted by significant decrease in accessibility. The Girl Scouts have owned the property since the late 1960s and loss of access to Gator Pond has occurred gradually during that time. Large sections are no longer accessible due to expansive vegetative growth within the pond interior. This bog is like most other peat deposits in that the organic material lies in an elongated bowl. Below that is a layer of darker, finer material. Underlying this layer is a very good quality horticultural peat. The bottom of the pond is sand.

It is the desire of the Girl Scouts to improve the recreational access to Gator Pond. As such, they are requesting a Special Use Permit (SUP) from the Sumter County Board of Commissioners. The SUP will grant permission to complete a restoration project by removing the accumulated muck deposits and excessive vegetation from Gator Pond. The restoration of Gator Pond will ensure the girls are able to enjoy water activities such as canoeing, kayaking and sailing. Additionally, environmental education, such as filed study areas, will be set up around the lake where girls can learn about marine biology, the environment and nature. Hands-on activities will be offered in conjunction with the Nature Center, environmental study piers around the lake, and observation decks where the girls can bird watch, identify local fauna, animals and insects.

Restoration activities will take place during daylight hours, usually between 7:00 AM and 6:00 PM, during the normal work week. Work outside the normal work week will only take place when required by weather conditions.

Due to anticipated state and federal regulatory agency permitting review periods, it is estimated the restoration project will begin operations in early 2011. The project itself will have a five to ten year duration, depending on overall weather conditions, all will be complete sometime between 2016 and 2021.

#### 1.1 Ecological Conditions

Utilizing the Florida Land Use, Cover and Forms Classification System (FLUCFCS), Gator Pond can be characterized by four land covers: willow and elderberry wetland (618), freshwater marsh (640), lakes lager than ten acres but less than one hundred (523), and lakes less than ten acres (524). The vegetative communities surrounding the pond are prairie grasses, herbaceous and woody plants, mature oaks, and hardwood forest.

The Willow and Elderberry Community (618) is dominated by coverage of Carolina willow (Salix caroliniana) and Elderberry (Sambucus canadensis). Other prevalent species included Cattails (Typha sp.), Wax myrtle (Myrica cerifera), Primrose willow (Ludwigia peruviana) and scattered Buttonbush (Cephalanthus occidentalis).

The Willow and Elderberry community is bordered by concentric bands of emergent vegetation that appeared to define a remnant Freshwater Marsh Community (640) system. The Freshwater Marsh community contains Pickerelweed (*Pontederia cordata*), Arrowhead (*Sagittaria latifolia*), Broomsedge (*Andropogon glomeratus*) and Cordgrass (*Spartina bakeri*).

The inner portion of the Gator Pond is best classified as having a FLUCFCS coverage type of Lakes Larger than 10-acres but less than 100-acres (523). This is the remaining open water portion of the once lentic water body. Based on field observations, Gator Pond was hydrologically altered from activities on the surrounding uplands which hastened eutrophication. The lake system has no observable outfall thus likely increasing the rate of sedimentation and eutrophication.

#### 1.2 Hydrologic Conditions

Gator Pond is located in the Withlacoochee River Basin of the Southwest Florida Water Management District (SWFWMD). White (1970) classified the area of west-central Florida containing Gator Pond as the Western Valley and Central Valley physiographic regions. Brooks (1981) characterized the area surrounding the lake as the Tsala Apopka Basin subdivision of the Ocala Uplift physiographic district and described the subdivision as an erosional valley in a limestone terrain with thin surficial sands. As part of the Florida Department of Environmental Protection Lake Bioassessment/Regionalization Initiative, the area has been identified as the Central Valley region, and described as an area with large, shallow, and euthrophic lakes (lake size and type are variable) that have abundant macrophytes or are green with algae (Griffith et al. 1997). Although there are permitted ground water withdrawals for institutional, residential, and agricultural uses within the surrounding area, there are no surface water withdrawals from the lake currently permitted by SWFWMD.

Public database searches indicated an absence of surface hydrologic data for Gator Pond, however USGS studies of similar lake systems in the central Florida area indicates Gator Pond is likely a seepage lake and not a drainage lake. This classification is determined by review of historic aerials and USGS description of a seepage lake. It is most often characterized by a lack

of surface water outflow, generally less surface water inflow, longer residence time, a lake level reflects that groundwater elevation, and a system dominated by rainfall/evaporation and groundwater levels. Most Florida lakes are seepage lakes; nearly 70 percent of the lakes in Florida have no surface water streams flowing into or out of them (Palmer, 1984). The drainage basin of a seepage lake commonly is referred to as a closed basin because of the lack of surface water outflow from the basin; however, there is outflow from the basin through ground water seepage. The drainage basins of drainage lakes are commonly referred to as open drainage basins. Furthermore, the well drained porous soils and rocks present at Gator Pond are characteristic of the karst landscape of Florida.

Gator Pond is located in a normally closed outlet drainage sub-basin within the Withlacoochee River watershed (SWFWMD 1998). According to USGS (Foose 1981), the drainage area for Gator Pond is less than 1.5 square miles. Surface water inflow to the lake occurs from areas to the east, north, and west of the lake. Contour maps indicate the lake may at times of extremely high water discharge to the south through an overland flow. USGS 1:24000 Wildwood (1967) quadrangle map indicates a contour elevation of 50 feet above NGVD around the footprint of Gator Pond.

A surface water gauge station was established on the north end of Gator Pond in late 2003 by a geotechnical engineering firm performing well field pumping drawdown studies for The Villages. Data readings from this staff gauge are available for most months between December 2003 and October 2008. The water levels fluctuated from a high of 52.13 feet in December 2004 to a low of 40.03 in June of 2008. The compete data table has been attached.

#### 1.3 Listed Species

The Girl Scout Camp restoration project site was surveyed for the occurrence of flora and faunal species listed by the Florida Fish and Wildlife Conservation Commission (FWC), the U.S. Fish and Wildlife Service (USFWS) and the Florida Department of Agriculture (FDA). Results of the surveys revealed that no listed species were observed to utilize the site. Additionally, the FWC was consulted to determine the location of Bald Eagle (*Haliaeetus leucocephalus*) nests with in the vicinity of Gator Pond. According to FWC, the nearest nest is 3.4 miles away, as noted on the attached figure.

# Section 2 Project Description

The chosen and cost-effective method to achieve restoration of Gator Pond is a systematic approach to the removal of the unwanted vegetative material that ensures all necessary environmental safeguards are implemented.

#### 2.1 Project Permitting

The Florida Department of Environmental Protection and Army Corps of Engineers have in place a joint permitting process known as an Environmental Resources Permit, in which the impacts to the environment are evaluated and determined during the permitting process. The Southwest Florida Water Management District requires a Water Use Permit for the proposed project to evaluate the environmental and hydrologic impact of pumping and storing water to facilitate the water control necessary to access the pond muck deposits. The regulatory permitting requirements by these state and federal agencies will ensure the environment is protected during the proposed pond restoration project.

Following the issuance of the Sumter County Special Use Permit and receipt of the previously described state and federal permits, the removal of the vegetation and muck from the bottom of Gator Pond is to begin by sectioning off several acres of bottom area by constructing temporary dikes using on-site materials, thereby isolating restoration work areas. When a work area has been isolated, dewatering into adjacent areas will begin in order to dry the work area out as much as possible and expose the pond bottom. The vegetation and muck will then be removed by the use of excavation equipment, such as scraper pans and front-end loaders. Once the muck material is removed from the pond work area, it will be temporarily stockpiled on-site at an existing clearing located on the south portion of the Girl Scout property which is adjacent to Gator Pond.

The restoration work will be performed by Black Gold Composting Company, whose business office and composting operations center is located at 11424 County Road 237, Oxford, Florida. Black Gold Composting Company is a well established company in the Sumter County area which uses muck material as an ingredient in the composting process. Black Gold will transport the muck material by truck from the restoration site to their composting plant. The composted material that is prepared by Black Gold is used as potting soil material, supporting both retail and wholesale landscape nurseries.

Once the excavation of the vegetation and muck has been accomplished and the open water has been restored, the lake bottom and shoreline areas will require reclamation and mitigation standards as promulgated by the Florida Department of Environmental Protection in Florida Administrative Code Section 62-348, which addresses wetland permitting and mitigation for peat mining for the horticultural industry.

#### 2.2 List of All Permit Applications to Federal, State, and Local Permitting Agencies

The following is a list of all known permit application submittal agencies:

#### Local Agencies

Special Use Permit Sumter County Board of County Commissioners 910 North Main Street Bushnell, Florida 33513

#### State Agencies

Environmental Resources Permit (Joint Application with ACOE) Florida Department of Environmental Protection Division of Mining and Minerals Regulation 2051 East Paul Dirac Drive Tallahassee, Florida 32310-3760

Surface Water Use Permit Southwest Florida Water Management District Water Use Permitting Section 2379 Broad Street Brooksville, Florida 34604-6899

#### Federal Agencies

Environmental Resources Permit (Joint application with FDEP)
U.S. Army Corps of Engineers
Tampa Permitting Section
10117 Princess Palm Avenue, Suite 120
Tampa, Florida 33610-8302

#### 2.3 Conceptual Plan Drawings

The enclosed plans have been prepared using data provided by the Sumter County Geographic Information System and field verified during two site visits. The plans are intended to describe the existing conditions of the property, its relationship to surrounding land uses and features, and the proposed project. The proposed project drawings include a schematic of the proposed temporary dikes and phasing of the restoration, sketches of the alternative access points to County Road 462 (only one alternative will be chosen), and routing the material that is removed to either the Black Gold site or other sites outside Sumter County.

#### 2.4 Traffic Analysis

The proposed restoration will result in approximately twenty-five trips each entering and exiting from the subject property via County Road 462 on a daily basis. The restoration traffic will be completely isolated from the normal traffic entering and exiting the camp. Of the new traffic generated, a maximum of twenty trips entering and twenty trips exiting each day will be trucks used to haul the material removed off-site. The remaining trips will include personal vehicles of workers, managers, and inspectors that may be working on the site during any given day.

#### 2.5 Pollutant Control Devices or Facilities and Safety Devices

Safety zones will be set up as buffers to isolate the proposed project work areas from normal camp activities. These buffers may include temporary fencing, silt fencing, and other barriers. Signs may also be posting notifying visitors to the camp of restricted areas. Coordination and planning between the camp supervision and Black Gold Composting Company operations personnel will be on-going during the life of the project.

Surrounding land uses will continue to be buffered from the proposed activities by the existing wooded areas that surround Gator Pond. Other than the access points to County Road 462, none of the activities related to the restoration will take place closer than three hundred to five hundred feet from any adjoining property.

Prior to land clearing, construction and excavation activities within the area of Gator Pond, pollution control devices in the form of soil erosion control and surface water turbidity control devices shall be deployed within the immediate potential impact area and extend into adjacent potential impact areas. As the restoration project advances across Gator Pond, erosion and turbidity control devices shall be deployed in advance of clearing, construction or excavation as described above.

Due to the inward gradient of the project site topography surrounding Gator Pond, activities related to the restoration of Gator Pond should not transport pollutants up gradient onto adjacent properties. All water is to be retained on the project site in accordance with the conceptual project plan drawings.

Hydraulic gradient (groundwater) monitoring and reporting is required by the Southwest Florida Water Management District, Florida Department of Environmental Protection and U.S. Army Corps of Engineers for these type projects, typically in the form of piezometers, and addressed in the permits issued by these agencies. The execution of this project, which may include recharge swales and other groundwater control facilities, should mitigate any potential impacts to the surrounding groundwater conditions.

# 2.6 Proposed Handling and Disposal of Domestic Solid Waste, Non-Domestic Solid Waste, and Hazardous Gases, Liquids and Other Materials

During the execution of the restoration activities, generation of non-domestic solid waste will not occur except for the maintenance of the excavation and construction equipment (bull dozer, track hoe, front-end loader, and portable dewatering pump). Equipment will be fueled and maintained by service vehicles visiting the site periodically. Shop towels, filters, paper parts containers, and similar items will be removed by the service personnel and taken to their shop locations off-site and either recycled or placed into appropriate solid waste disposal containers for transport to approved disposal facilities. Other than stockpiling of removed vegetative material as described above, there will be no storage of any waste materials on the property. All waste material will be removed on a daily basis.

Accidental spills which may occur during equipment servicing or possible hydraulic hose/connection failures will be immediately attenuated by isolating the spill using on-site soils, absorbent pads and similar specialty products. The spill-affected soils will be removed from the site along with the attenuation clean-up products and materials and taken to an approved solid waste disposal site for proper disposal at that facility. Although the actual facility cannot be specified at this time, the most-likely facility will be the Baseline Sanitary Landfill, in Marion County, which is the closest facility permitted to accept these type soils and clean-up products.

The excavated materials will be removed from the site by over-the-road trucks, semis or dump trucks. These vehicles will be serviced and maintained at their business designated maintenance shops, not at the project site.

#### 2.7 Major Fire Protection Features

Since this is a temporary project in scope and purpose, major fire protection features will not be necessary, other than on-board vehicle and equipment fire extinguishers. Camp Wildwod is currently and will continue to be protected by the Sumter County Emergency Rescue and Fire Department.

#### 2.8 Proposed Schedule of Activities

Restoration activities will take place during daylight hours, usually between 7:00 AM and 6:00 PM, during the normal work week. Work outside the normal work week will only take place when required by weather conditions.

Due to anticipated state and federal regulatory agency permitting review periods, it is estimated the restoration project will begin operations in early 2011. The project itself will have a five to ten year duration, depending on overall weather conditions, all will be complete sometime between 2016 and 2021.

## 2.9 Covenants, Grants, Easements, or Other Restrictions

Since this is a temporary project in scope and purpose, there will be no covenants, easements, or other restrictions to be imposed on the use of the land, buildings or structures.

# Section 3 Wetlands Reclamation and Mitigation

The standards and procedures described within this Plan are purposed to meet or exceed the following requirements and standards:

Sumter County Code, Division 6 - Excavation and Mining Uses

 Florida Administrative Code, Chapter 62C-39 - Reclamation Requirements for Solid Resources Other Than Phosphate, Limestone, Heavy Minerals, and Fuller's Earth

 Florida Administrative Code, Chapters 40D-1 and 40D-2 - Surface Water Use Permit Program

Florida Statutes, Chapters 120 and 373

Nationwide Permitting Program, U.S. Army Corps of Engineers

Though each of the above standards and requirements regulate the project in different ways, the overall goal of the requirements taken together is that the reclamation and mitigation of the wetlands results in the project area being left in an equal or better condition that originally encountered.

#### 3.1 Wetland Reclamation/Mitigation Goals

Upon the completion of restoration activities and the removal of vegetative materials, mitigation operations will commence immediately. Where practical, mitigation activities may commence prior to the completion of restoration activities.

As a result of the proposed operation, approximately 84.2 acres of wetlands (lake and marsh) are to be temporarily impacted. Mitigation for these impacts will be provided through restoration of the historic littoral marsh around the perimeter of Gator Pond and the reestablishing of open surface water area. The restoration project will return the existing lake feature located within the Girl Scout Camp to its historical condition as a natural wetland lake system. This will serve to improve the recreational and educational access to Gator Pond by removal of vegetation and muck from the bottom of Gator Pond.

The goal of the wetland reclamation/mitigation plan is to restore the onsite wetland system to its historical condition (restoration) and specifically enhance onsite wading bird nesting and foraging habitat, fish propagation and related food chain species habitat. An indirect result will be improved surface water quality by eliminating anaerobic decomposition currently occurring within the existing bog. The post-reclamation wetlands (restored) are expected to exhibit a considerable overall increase in wetland function and value compared to the existing system. The wetland reclamation/mitigation plan is expected to more than compensate for the anticipated temporary impacts associated with restoration mining activities.

#### 3.2 Wetlands Reclamation/Mitigation Activities

Within ninety days following completion of each mining area, all dikes, berms, and access roads will be removed and the slopes of the excavated areas will be re-graded and stabilized utilizing the existing dike material. All side slopes will be graded at a slope not to exceed six feet horizontal to one foot vertical to a depth of eight feet below the seasonal low water elevation. Slopes below that elevation may be as steep as three feet horizontal to one foot vertical.

Muck and organic soil material from the areas to be mined are to be used to create the final slopes in the reclamation/mitigation wetlands. As the excavated muck material contains the seed source from the original wetlands, and natural recruitment from adjacent wetland systems will presumably occur, no additional herbaceous plantings are proposed unless necessary.

The final reclamation grading within each excavation area will be completed approximately three months after the completion of mining within the area. Re-vegetation, either through the establishment of a muck blanket placed within the littoral zone (the preferred and usually most successful method), or through active planting, shall be completed in accordance with the best available wetlands propagation technology. Herbaceous wetlands shall achieve a ground cover of at least fifty percent at the end of one year. Regular monitoring of all re-vegetated areas will be conducted in order to ensure that the appropriate reclamation standards are achieved.

# Section 4 Project Monitoring

Regular monitoring and maintenance of the reclaimed areas will be conducted both during and after restoration mining activities in order to ensure that appropriate reclamation is achieved. Hydrological and vegetative monitoring of the reclamation wetlands will be conducted.

# 4.1 Vegetation Monitoring Methodology and Schedule

Within six months of completion of the reclamation efforts (establish a muck blanket or plantings); a quantitative monitoring event shall be conducted by a qualified professional to document baseline conditions for the completed reclamation/mitigation area. The recommendation for this plan is to establish four transects crossing the reclaimed wetland area. Transects less than one thousand feet in length will be monitored using two linear meter squared monitoring quadrants positioned every 100 feet. Transects extending longer than one thousand feet will be monitored by using one linear meter squared monitoring quadrants positioned every 100 feet. Within each quadrant, data collected will include species diversity and percent cover. Photographs will also be taken at static locations throughout the reclamation areas during each monitoring event to provide a visual recording of the vegetative succession of these areas.

Conceptually, the transects are to be laid out according to the attached Monitoring Plan. However, at the discretion of the qualified monitoring professional and/or regulatory agency personnel overseeing the success of the reclamation/mitigation, the monitoring plan map may change due to determinations to be made based on final site conditions.

The initial quantitative event shall be considered the "baseline" monitoring event, or Year 0. Thereafter, annual qualitative monitoring events shall be conducted in August or September (end of the traditional summer growing period) for a minimum of two years to assess the condition of the reclamation/mitigation areas. Results of the monitoring may require maintenance activities and additional plantings during appropriate seasonal periods. Following the second year, a quantitative monitoring event shall be conducted to determine whether the success criteria for monitoring release by the regulatory agencies have been met.

Annual monitoring reports, including a description of current site conditions and comparison with previous reports shall be submitted within thirty days following completion of the monitoring event in accordance with the following suggested schedule:

Year 0 - Quantitative Monitoring (Six months after final grading)

- Static panoramic photo documentation
- Placement of quadrants
- Wildlife utilization observations
- Report preparation with recommendations

# Year 1 - Qualitative Monitoring (August or September)

- Static panoramic photo documentation
- Approximate herbaceous cover
- Wildlife utilization observations
- Comparison with Year 0

# Year 2 - Qualitative Monitoring (August or September)

- Same as Year 1
- Comparison with Years 0 and 1

# Year 3 - Quantitative Monitoring

- Static panoramic photo documentation
- Review of transects
- Wildlife utilization observations
- Comparison with Years 0 and 2

# 4.2 Hydrology Monitoring Methodology and Schedule

During mining, hydrology will be documented by collecting hydrological data from staff gauges and piezometers as shown on the attached Monitoring Plan. During the reclamation phase, hydrology monitoring will be collected from the same staff gauges and piezometers and by measuring of surficial water depths at each herbaceous sampling station during the vegetation monitoring events. Hydrology monitoring will be conducted weekly during the rainy season (April to September) and semi-monthly during the dry seasons.

Groundwater levels are to be measured using constructed piezometers. Each piezometer is to be constructed to a total depth of five feet below the observed normal groundwater surface. Each piezometer is to be constructed from two-inch Schedule 40 PVC pipe, with a minimum of two-foot section of the lower portion consisting of 0.01 mm slotted well screen pipe. Pea gravel is to be placed around the sub-surface section of the piezometer for filtration purposes. The top two (2) feet of each piezometer is to be grouted with rapid setting concrete or similar to maintain the position and integrity of the unit. Each piezometer should be marked for identification and protected by highly visible appropriate means. Each is to be secured by a weather resistant threaded cap placed on the top of the piezometer.

Surface water levels are to be measured using constructed staff gauges. Each staff gauge is to be constructed in a manner to measure water levels up to ten feet above and below the normal water level. Each staff gauge should be marked for identification and protected by highly visible appropriate means.

As rainfall will impact groundwater and surface water levels, this data is to be collected on-site by utilizing a graduated rain gauge set in one location at the start of the project. Rainfall data shall be plotted along with staff gauge readings and piezometer readings. This data will be reported regularly to various regulatory agencies. In addition, this data will be provided to the regulatory agencies along with the annual mining status reports.

# 4.3 Wildlife Monitoring Methodology

Concurrent with the vegetation monitoring field work events, evidence of wildlife utilization of the monitoring areas will be documented and reported, included observed species, tracks, scat, burrows, nests, bones and skins, etc. Listed species monitoring will also be conducted throughout the project area during each monitoring event and results recorded.

#### 4.4 Success Criteria

Wetland reclamation/mitigation areas shall be considered successful when the following success criteria have been met. It is expected that these criteria will be met following three years of continuous monitoring.

- The ground cover has a minimum of eighty percent aerial cover of appropriate desirable wetland herbaceous species.
- The mitigation area contains a maximum ten percent nuisance and exotic species.

## 4.5 Reclamation Maintenance

Maintenance activities shall include the removal of all nuisance or exotic plant species which may become established within the restoration/mitigation areas. Other required maintenance procedures on the project area will include supplemental plantings, or the replacement of planted areas that fail to survive. If herbaceous cover does not exhibit evidence of natural recruitment from baseline conditions following one full year of growth, supplemental planting of the species listed on the Reclamation Plan will occur at a density determined to be appropriate by the qualified professional and/or regulatory agency personnel pursuant to site conditions and environmental considerations.

# Section 5 Best Management Practices Plan

This Best Management Practices (BMP) Plan has been prepared for the proposed Girl Scout Camp Gator Pond Restoration Project, located in Sumter, Florida. The BMP Plan is designed to meet the current industry standard practices for excavating peat material for the horticultural product market.

The principal objectives of this BMP Plan are to:

- 1. Identify areas, systems, or components of the project that have the potential for causing a release of pollutants to waters of the state.
- 2. Where experience indicates a reasonable potential exists for equipment failure, natural condition, or other circumstances to result in significant amounts of pollutants reaching waters of the state, estimate the direction of flow and quantity of pollutants which could be discharged from the facility as a result of each potential situation.
- 3. Establish specific preventative and remedial procedures to prevent significant amounts of pollutants from reaching waters of the state.

# 5.1 Project Location

The Girl Scout Camp Gator Pond Restoration Project (Project) is located in east central Sumter County, Florida. The Project site and related operational activities is located at the Girl Scout Camp Wildwood, 9254 CR 209, Wildwood, Sumter County, Florida. The site is located on the north side of CR 462, 1 mile west of US Hwy 301, and is in Section 25, Township 18 South, Range 22 East.

# 5.2 Description of Operation

The Project site is approximately 84 acres identified as Gator Pond and is located on approximately 600 acres of property owned by the Girl Scouts of West Central Florida. The camp serves as a group recreational retreat. Gator Pond was once an accessible water body but over time access to the lake has been negatively affected. Large sections are no longer accessible due to expansive vegetative growth within the pond interior. It is the desire of the Girl Scouts to improve the recreational access to Gator Pond by doing a restoration project by removing the accumulated muck deposits and vegetation. Peat depth probing by Black Gold Composting Company indicates there is horticultural grade peat in Gator Pond, which will be mined at the Project site. The average mining depth is anticipated to be approximately 10 feet.

The proposed mining operation consists of sectioning off several acres of bottom area by constructing dikes using on-site materials, thereby isolating pond restoration work areas. When a work area has been isolated, dewatering into adjacent areas will begin which is needed to dry out the work area as much as possible and expose the pond bottom. The vegetation and muck

will be removed by the use of excavation equipment, such as bull dozers and front-end loaders. Once the muck material is removed from the pond work area, it will be temporarily stockpiled on-site at an existing clearing located on the south portion of the property which is adjacent to the pond.

The restoration work will be performed by Black Gold Composting Company, whose business office and composting operations center is located at 11424 County Road 237, Oxford, Florida. Black Gold will transport the muck material by truck from the restoration site to their composting plant for processing.

Upon the completion of peat harvesting operations, mitigation operations will commence immediately. Where practical, mitigation activities may commence prior to the completion of peat harvesting activities. The goal of the project is to restore the Gator Pond to its historical condition and enhance wading bird nesting and foraging habitat, fish propagation, and related food chain species habitat. This will provide a beneficial use of the pond for education and recreational activities by the Girl Scouts.

# 5.3 Drinking Water Supply and Septic Tank Systems

There are no wells or septic systems in the vicinity of the project area. Drinking water will be supplied to mining operations personnel by portable coolers brought to the site on vehicles. Sanitary facilities for mining operations personnel will be provided on-site by portable toilets furnished and serviced by a contract source.

# 5.4 Drainage

According to GIS contour mapping obtained from Sumter County, the drainage at the proposed project mining site is from the uplands surrounding Gator Pond down-gradient toward Gator Pond. Activities related to the proposed Project will not impact the historic drainage flow patterns on the site. Gator Pond will remain a storage area for rainfall generated during the life of the Project.

# 5.5 Identification of Potential Pollutant Sources

# 5.5.1 Oils, Fuels, and Lubricants

Oils, fuels, and other related materials will be used in the mining operation to service and maintain the excavation and pumping equipment.

Routine equipment fueling and maintenance will be performed in the field by service vehicles visiting the site periodically. Shop towels, filters, paper parts containers and similar items will be removed by the service personnel and taken to their shop locations for proper disposal. No significant repairs or servicing will be done in the field; these repairs will be performed at an off-site maintenance shop location. Oil-dry and/or absorbent pads will be used to collect any

deminimus quantities of spilled liquid. These pads and absorbent materials will be taken by service personnel to their shops for proper disposal. No vehicle or equipment washing will be conducted onsite.

# 5.5.2 Dewatering

Sections of Gator Pond will need to be isolated and pumped down to access the pond bottom for excavation. This will be accomplished by constructing dikes across the bottom of the pond. Once a diked area is isolated, dewatering of the isolated areas into adjacent areas will be accomplished by utilizing a portable pump. The portable pump will usually remain at one location until it is needed to dewater another diked area.

# 5.5.3 Peat Processing

There will be no peat processing on the project site as all excavated materials will be transported by truck to the Black Gold Composting Company facility in Oxford.

# 5.5.4 Haul Truck Accidents

Because trucks operating on the project site travel at such slow rates of speed, the likelihood of an accidental turnover on the access road is very remote.

Occasionally trucks hauling on the offsite public roadways do overturn which causes a limited release of fuel, oil, or hydraulic fluid. Such releases are commonly on the pavement or roadway shoulder. In the event of such a turnover, a contracted emergency response company will be notified to begin cleanup and appropriate notification.

# 5.6 Release Pathways

The upland area surrounding Gator Pond will not be altered and will continue to contain runoff from the rainfall events. This will be accomplished primarily through the natural topography and the use of temporary low-profile berms constructed around the perimeter of the pond.

The most significant water quality threat from the fuel and petroleum related materials is a release from the excavation equipment, dewatering pump and haul vehicles. Small quantities of grease or oil have the potential for release if spilled in close proximity to the pond. Routine maintenance and fueling will be performed by mining operations service personnel away from the pond on uplands. There is a low potential of any releases reaching the surface water body.

Careful handling of fuel and petroleum related materials will be practiced by all mining operations personnel.

### 5.7 Prevention and Remedial Procedures

#### 5.7.1 Prevention Procedures

Mining operations personnel will make every effort to prevent the discharge of oil, fuels, and related maintenance materials and process wastewater to waters of the state through a comprehensive prevention program. The prevention program will consist of the following:

- 1. Monthly inspection of berms and inspection of berms immediately following storm events to insure berm integrity is maintained.
- 2. Monthly inspection of fences and gates to insure unauthorized personnel do not have access to the property or to areas of the project site.
- 3. Monthly inspection of all equipment, pumps, and vehicles.
- 4. Placement and periodic inspection of signs designating the project area and the access road as restricted to authorized personnel.
- 5. Prohibiting washing/cleaning of vehicles/equipment on the property.

#### 5.7.2 Remedial Procedures

To counter the effects of a potential spill or release of fuels, oil, or lubricants, a spill response kit will be located on-site. The kit will maintain an inventory of adsorbent pads, adsorbent litter, shovels, and collection containers that can be used to contain a relatively small spill or leak. To contain a larger spill, the mining operations supervisor and employees will be prepared to move equipment to the spill area to erect dikes and construct ditches to contain/direct the spill. In addition, the mining operator will retain a contracted emergency cleanup company ready to respond to larger spills.

Once per month, or after any use, the spill prevention equipment will be inventoried and inspected. If spill prevention equipment needs to be resupplied, a list will be provided to mining supervisor for purchase. Any holes in fences, missing gates, signs, etc. will be repaired within 72 hours of discovery. The emergency response contractor will updating on the progress of the mining operations and types of fuels, oils and lubricant materials being used at the project site.

## 5.7.3 Spill Reporting

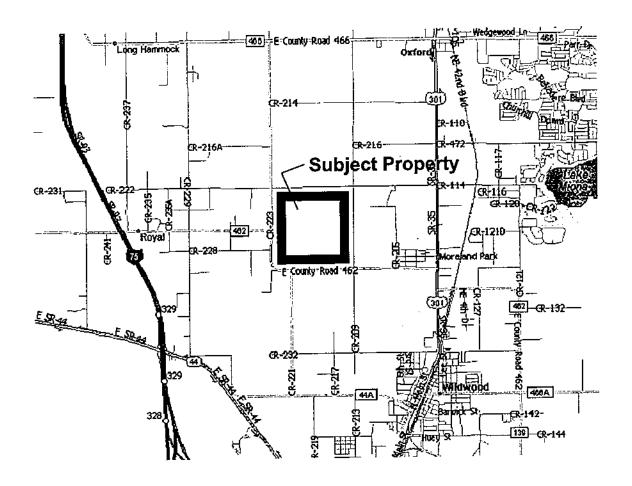
An oil spill (any amount) that reaches surface waters or navigable waters of the United States (which generally includes any ditches or connected wetlands) is reportable to the United States Environmental Protection Agency (EPA). An oil spill (any amount) that creates a discernable sheen on waters of the State of Florida is reportable to the Florida Department of Environmental Protection (FDEP). To ensure compliance, any oil spill that reaches a surface water body, including a ditch or wetland, should be reported to both EPA and FDEP. An oil or fuel spill of greater than 25 gallons that does not reach surface waters as described above is still reportable to FDEP. The FDEP Spill Hotline contact procedure is as follows:

# NOTIFICATION AND REPORTABLE QUANTITIES

FDEP has adopted the US EPA reportable quantity of 25 gallons for spilled petroleum products. The notification requirement can be met by calling the State Warning Point, who will contact DEP Bureau of Emergency Response (BER).

STATE WARNING POINT - (800) 320-0519, 24 hours, 7 days

When calling be prepared to give the location, type of fluid spilled, name, address and phone number.



(c) 2009 Weaver Boos Consultanta Southeast, LLC

Drawn by: 1S Approved by: 35

a:\Clermon/3111\ 3111351-01 Existing Base Map dwg March 1, 2009 Location Map Gator Pond Restoration by Mining Sumter County, Florida



Weaver Boos Consultants Southeast, LLC 365 Citrus Tower Boulevard, Suite 110 Clermont, Florida 34711 (352) 241-0848 - www.weaverboos.com Engineering Business Number 28055

# 2008 Certified Values

Last Updated: 2/20/2009

Parcel List Generator Retrieve Tax Record

Property Card I

Parcel: C25=004

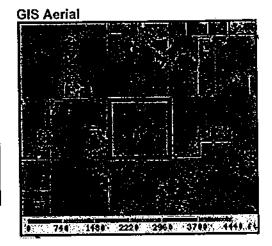
Next Lower Parcel | Next Higher Parcel >>

GIS Map Print

Result: 1 of 1

# Owner & Property Info

Owner's Name	THE HEART OF FLORIDA GIRL, SCO				
Site Address					
Mail Address	1831 GILM	ORE AVE LAKELAND, FI	_ 33805		
Use Desc. (code)	SCHOOL (072)				
Sec/Twp/Rng	25/18/22	Neighborhood	00001001		
Year Built	1	Tax District	County (1001)		
Effective Area	0 (SF)	Market Area	01		
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction.				
NW1/4 OF NW1/4					



# **Property & Assessment Values**

Land Value		\$179,400.00
Market Value		\$179,470.00
Assessed Value		\$179,470.00
Total Taxable Value		\$0.00
Exemptions	16 - Education	\$179,470

## Sales History

R Book/Page	OR Inst.Type	Sale V/I (Qual)	Sale Price	Parties
777/33	WD	V (Q)	\$160,000.00	
291/370	PR	V (O)	\$100.00	
	777/33	777/33 WD	777/33 WD V (Q)	777/33 WD V(Q) \$160,000.00

# **Building Characteristics**

#	Bidg Item	Bldg Use (code)	Eff Year Built	Area Breakdown
Н			NONE	

#### Land Breakdown

Land Use Code	Frontage	Depth	Land Units
001			39.00 Acres

#### **Misc Features**

1573**=** 

Item Number	Description (code)	Units (dims)	Eff. Year
1 (000)	SC UTY12X18 (0000001MI)	0.00 ()	70

Sumter County Property Appraiser - Roll Year: 2008

Last Updated: 2/20/2009

Result: 1 of 1

# 2008 Certified Values

Last Updated: 2/20/2009

FParcel List Generator Retrieve Tax Record Property Card I

Parcel: C25=005

K< Next Lower Parcel | Next Higher Parcel >>:

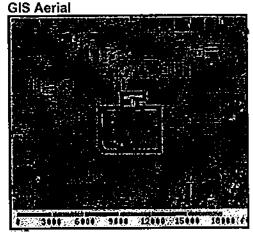
GIS Map Print

Result: 1 of 1

Owner & Property Info

Owner's Name	HEART OF	HEART OF FLA GIRL SCOUT, COUNC			
Site Address	9254 CR 2	9254 CR 209			
Mail Address	PO BOX 1434 LAKELAND, FL 33802				
Use Desc. (code)	CLUB / LODGE / UNION HALL (077)				
Sec/Twp/Rng	25/18/22 Neighborhood 00001001				
Year Built		Tax District	County (1001)		
Effective Area	0 (SF) Market Area 01				
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction.				

ALL LYING N & E OF SR RW LESS THE NW1/4 OF THE NW1/4 AND LESS THE W1/2 OF NE1/4 OF THE NW1/4 AND LESS SE1/4 OF THE NW1/4 OF THE NE1/4 AND LESS THE NE1/4 OF THE NE1/4 AND LESS THE W 50 FT OF THE E 250 FT OF S 100 FT OF TE N 125 FT OF THE NW1/4 AND LESS ROAD RW AND LESS SUB-SURFACE RIGHTS AND LESS THE N1/2 OF THE S1/2 OF THE E1/2 OF THE NE1/4 OF THE NW1/4



Show Simila Sales in 1/2 mile backs sales

Property & Assessment Values

Land Value		<b>\$</b> 651,475.00
Market Value		\$651,475.00
Assessed Value		\$651,475.00
Total Taxable Value		\$0.00
Exemptions	16 - Education	\$651,475

#### Sales History

Sale Date	OR Book/Page	OR Inst.Type	Sale V/I (Qual)	Sale Price	Parties
5/1/1968	93/711	WD	V (Q)	\$17,500.00	
5/1/1968	93/712	WD	V (Q)	\$35,000.00	

## **Building Characteristics**

#	Bldg item	Bldg Use (code)	Eff Year Built	Area Breakdown			
	NONE						

#### Land Breakdown

Land Use Code	Frontage	Depth	Land Units
8702			515.00 Acres

#### **Misc Features**

Item Number	Description (code)	Units (dims)	Eff. Year
	NONE		

Sumter County Property Appraiser - Roll Year: 2008

Last Updated: 2/20/2009

Result: 1 of 1

50.75**%** 

# 2008 Certified Values

Last Updated: 2/20/2009

Parcel List Generator Retrieve Tex Record Roberty Card Li

Parcel: C25=008

Next Lower Parcel Next Higher Parcel >>

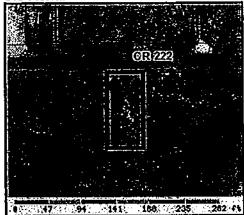
GIS Map Print

Result: 1 of 1

# **Owner & Property Info**

Owner's Name	GIRL SCOUTS-HEART OF FL, COUNC					
Site Address						
Mail Address	1831 GILM	1831 GILMORE AVE LAKELAND, FL 33805				
Use Desc. (code)	CLUB / LODGE / UNION HALL (077)					
Sec/Twp/Rng	25/18/22	25/18/22 Neighborhood 00001001				
Year Built		Tax District	County (1001)			
Effective Area	0 (SF)	0 (SF) Market Area 01				
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction.					
THE W 50 FT OF THE E 250 FT OF THE S 100 A OF THE N 125 FT OF THE NW1/4						

#### **GIS Aerial**



Show Smile Sales in 12 mile recite

## **Property & Assessment Values**

Land Value		\$8,625.00
Market Value		\$8,625.00
Assessed Value		\$8,625.00
Total Taxable Value		\$8,625.00
Exemptions	None	\$0.00

#### Sales History

`	<u></u>				
Sale Date	OR Book/Page	OR Inst.Type	Sale V/I (Qual)	Sale Price	Parties
4/1/2005	1364/13	QC	V (U)	\$1,000.00	AMERICAN TEL & TEL CO
7/1/1966	78/282	WD	V (O)	\$500.00	

# **Building Characteristics**

#	Bldg Item	Bldg Use (code)	Eff Year Built	Area Breakdown		
	NONE					

#### Land Breakdown

Land Use Code	Frontage	Depth	Land Units
001			1.00 U

# **Misc Features**

Item Number	Description (code)	Units (dims)	Eff. Year
	NONE		

Sumter County Property Appraiser - Roll Year: 2008

Last Updated: 2/20/2009

Result: 1 of 1

NAME OF

2008 Certified Values

Last Updated: 2/20/2009 Property Card In

Parcel List Generator Retrieve Tax Record

Parcel: C25=013

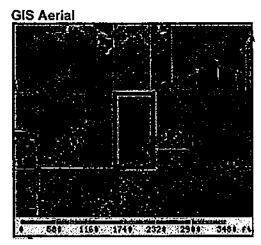
Next Lower Parcell Next Higher Parcel >>

GIS Map Pint

## Owner & Property Info

Owner's Name	THE HEART OF FLORIDA GIRL, SCO				
Site Address					
Mail Address	1831 GILMORE AVE LAKELAND, FL 33805				
Use Desc. (code)	CLUB / LODGE / UNION HALL (077)				
Sec/Twp/Rng	25/18/22 Neighborhood 00001001				
Year Built		Tax District	County (1001)		
Effective Area	0 (SF)	Market Area	01		
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction.				
THE W1/2 OF NE1/4 OF	NW1/4				

Result: 1 of 1



Showshillaisalesinit/Anileredits

# **Property & Assessment Values**

Land Value	_	<b>\$90,16</b> 0.00
Market Value		\$90,160.00
Assessed Value		\$90,160.00
Total Taxable Value		\$0.00
Exemptions	16 - Education	\$90,160

## **Sales History**

Sale Date	OR Book/Page	OR Inst.Type	Sale V/I (Qual)	Sale Price	Parties
11/1/1999	777/31	WD	V (Q)	\$80,000.00	
6/1/1984	291/372	PR _	V (O)	\$100.00	

# **Building Characteristics**

#	Bldg Item	Bidg Use (code)	Eff Year Built	Area Breakdown		
	NONE					

#### Land Breakdown

Land Use Code	Frontage	Depth	Land Units
001			19.60 Acres

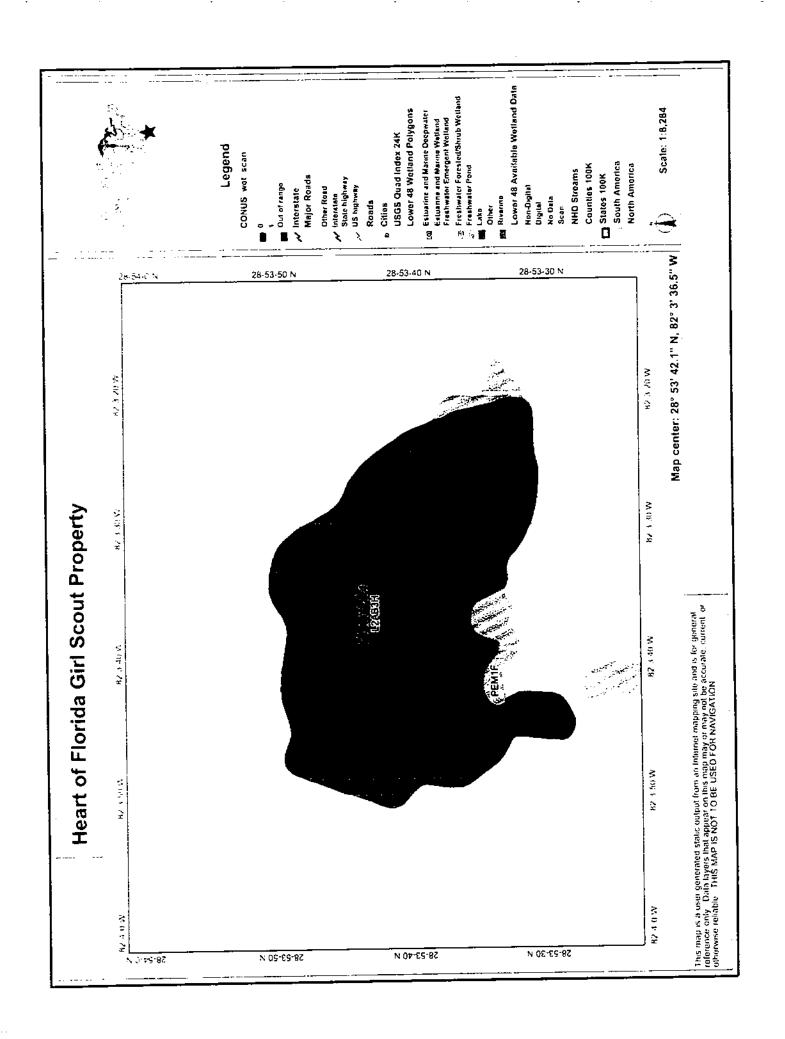
#### **Misc Features**

Item Number	Description (code)	Units (dims)	Eff. Year
	NONE		_

Result: 1 of 1

Sumter County Property Appraiser - Roll Year: 2008

Last Updated: 2/20/2009





This record search is for informational purposes only and does <u>NOT</u> constitute a project review. This search only identifies resources recorded at the Florida Master Site File and does <u>NOT</u> provide project approval from the Division of Historical

Resources. Contact the Compliance and Review Section of the Division of Historical Resources at 850-245-6333 for project review information:

February 26, 2009

Roland Lewis Weaver Boos Consultants 365 Citrus Tower Blvd., Suite 110 Clermont, FL 34711

Phone: 352-241-0848

Email: rlewis@weaverboos.com



In response to your inquiry of February 26, 2009, the Florida Master Site File lists one previously recorded archaeological site, and no standing structures in the following parcel of Sumter County:

T18S, R22E, Section 25

When interpreting the results of our search, please consider the following information:

- This search area may contain unrecorded archaeological sites, historical structures or other resources even if previously surveyed for cultural resources.
- Because vandalism and looting are common at Florida sites, we ask that you limit the distribution of location information on archaeological sites.
- While many of our records document historically significant resources, the documentation of a resource at the Florida Master Site File does not necessarily mean the resource is historically significant.
- Federal, state and local laws require formal environmental review for most projects. This search DOES NOT constitute such a review. If your project falls under these laws, you should contact the Compliance and Review Section of the Division of Historical Resources at 850-245-6333.

Please do not hesitate to contact us if you have any questions regarding the results of this search.

Sincerely,

Celeste Ivory

Assistant Supervisor Florida Master Site File

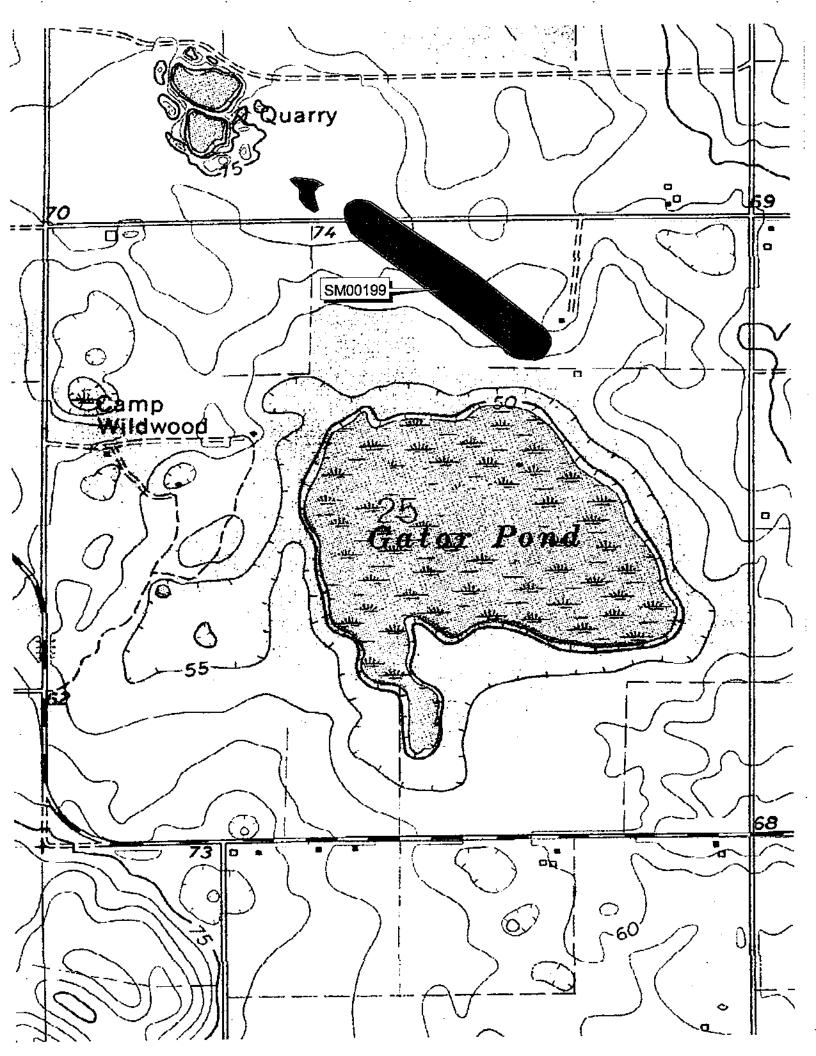
mcivory@dos.state.fl.us

Celente Ivory

CULTURAL
RESOURCES
REPORT

SM00199		SITEID	
200107		FORMNO	
SM00199 200107 18S/22E/24 AR GATOR POND		SITEID FORMNO T-R-S CR	
AR GAT		Ç	1
OR POND	6321-1	SITENAME	
6906 Map: OXFD		NRLIST SURVEY	
		LOCATION	
Culture: PREH Sitetype: CAMP, LAND, SCAR, SCLI	. LECTOR	OTRER	***************************************

<sup>1</sup> site(s) evaluated; 1 form(s) evaluated. (1 AR) Print date: 2/26/2009 1:35:17 PM





American Crocodile

Critter Questions

Imperiled Species

Nulsance Wildlife Panther Protected Wildlife

Whooping Cranes Wildlife Legacy Wildlife Viewing WMA Planning

Landowner Incentive

Herpetofauna

Manatees Non-Natives

Permits Sea Turtles Waterbird Locations Waterfowl

Bird Mortality

Black Bear Breeding Bird Atlas

Eagles Florida Birding Trail

Hunting Licenses/Permits Viewing Ask FWC Search

FWC Home: Wildfule & Habitats: Eagles: Eagle Hest Locator

#### FWC Home Wildlife & Habitats **Eagle Nest Locator** Alligators

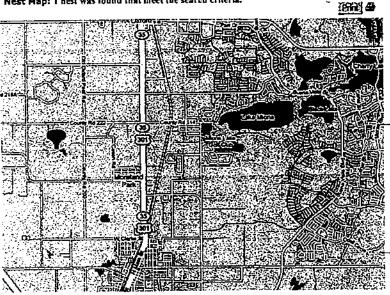
Welcome to the Florida Fish and Wildlife Conservation Commission Baid Eagle Nest Locator. The search features below may be used to locate FWC documented bald eagle nesting territories and to view their locations in map and spreadsheet form.

Attention: The information contained within this database is current through the 2007-2008 nesting season; nests were surveyed by FWC from November 2007 to April 2008. Accuracy of the nest locations is estimated to be within 0.1 miles of the true location. Not all eagle nests in Florida have been documented by FWC. Non-documented nests receive the same level of protections as FWC documented nests.

#### Locate Nests By:

Nested Search | Modify Search | New Search

Nest Map: I nest was found that meet the search criteria.



Baid Eagle Nest Data Search Results:

Results per page: 20 🗵

	Nest ID	County	Longitude	Latitude	Township	Range	Section	Last Active	Distance
View History						23€		2007	4.73
<u> </u>									

Print S

Please direct any questions, comments, or suggestions about this page to BaidEapleQMyFWC.com. To learn more about eagles in Florida please visit the FWC baid eagle website.

Our mission; Hanaging fish and wildlife resources for their long-term well-being and the benefit of people.

gging Ilpa ang misatan resources for user long-term reconvention.

Florida Fash and Widdlip Conservation Commission.

Farris Bryant Buldding - 620 S. Heridan St. - Tallahassee, Fl.

32399-1500 - 850-483-4676

Technical Help - Copynight O. 1999-2009 State of Florida - Sas Map

ESOJANJOJA - Princey Statement - Advertion Statement & Declaim





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Date: 2/27/2009 1:11:14 PM

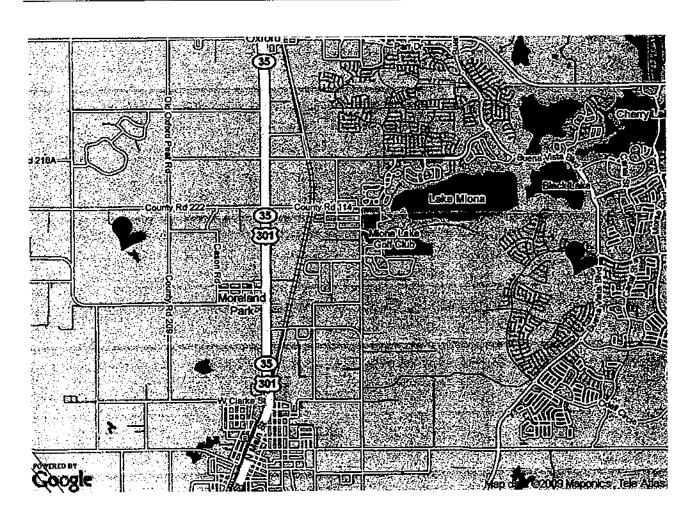
Search Entered: Within 5 miles of latitude 28.8954111111111 and longitude

82.061727777778; Current Page Only

1 record(s) were found; 1 record(s) are shown

(see disclaimer that follows)

Map Letter	Nest ID	County	Longitude	Latitude	Township	Range	Section	Gazetteer Page			
Α	SU018	Sumter	81 59.02	28 53.49	18S	23E	26	78	2007	Υ	Y



This report was generated using the Florida Fish and Wildlife Conservation Commission's (FWC) eagle nest locator web site at <a href="http://myfwc.com/eagle/eaglenests/">http://myfwc.com/eagle/eaglenests/</a>. The data displayed contains records for all known FWC documented eagle nesting territories that fall within the search criteria specified at the top of the page. Search results reflect the activity status observed by FWC are current through spring 2008. Nest locations were determined with the use of aircraft-based Global Positioning System (GPS) units. The accuracy of the locations is estimated to be within one-tenth of a mile of the true location. Locations are given in longitude and latitude to one-hundredths of a minute and stored and displayed in NAD83 datum, a latitude and longitude coordinate system. Township, range and section were determined from the Public Land Survey

System grid that includes Land Grant parcels. The 'Last Active' column indicates the year in which the nest was last active. For search results containing nest history information, 'Y' denotes an active nest, 'N' denotes an inactive nest, 'U' denotes a nest that was visited but status was undetermined, and '-' denotes an unobserved nest or a nest in which the activity status is unknown. Nest histories list the nest activity statuses for the last five nesting seasons. Not all eagle nests in Florida have been documented by the FWC. Non-documented nests receive the same level of protection as FWC documented nests.

Water Level (Ft-NGVD) &O.O. --- Gator Pond Wettand Level Total Monthly Withdrawal Note: Pumping totals are 12-month moving average 6 Monthly Pumping Total (MG)

The Villages Wetland Surface Water Elevation at Gator Pond Wetland The Villages
Wetland Surface Water Elevation (ft. NGVD)

Wetland Surface Water Elevation (ft. NGVD)

	54,24  54,24  54,24  56,00  62,00  62,29  62,00  62,29  62,20  62,20  62,20  63,24  64,10  64	48.03						
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	\$4,15 \$4							
No. 10   N	54.15 64.16 64.27 65.89 65.89 65.89 65.89 65.89 65.89 65.89 65.89 65.89 65.89 66.40	<del>╶╏╕╏╏╏╏╏╏╏╏╏╏</del>						
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Column   C	56.50 00.83  56.50 00.40  56.50 00.40  56.50 00.40  66.10 00.40	<del>                                     </del>						
56.27   56.50   56.10   56.2	65.90 66.30 66.42 66.42 66.43 66.42 66.42 66.53 66.12 66.53 66.12 66.55 66.12 66.55 66.12 66.55 66.12 66.55 66.12 66.57 66.13 66.57 67.36 66.13 67.36 66.13 67.36 66.13 67.36 66.13 67.36 66.13 66.13 66.13 66.14 66.13 66.15	┧┦┧╇╂╏┧╂╇╂╂╂╂╂╄╂╁						
65.01         65.02         65.03         65.03         65.04         65.03         65.04 <th< td=""><td>65.77 90.33 65.64 96.55 66.15 96.55 66.15 96.55 66.15 96.55 66.16 96.55 66.17 96.57 66.19 96.57 66.10 96.37 67.30 96.37 67.30 96.37 67.30 96.37 67.30 96.37 66.16 96.30 66.16 96.30 66.16 96.30 66.16 96.30 66.16 96.30 66.16 96.30 66.16 96.30 66.17 96.30 66.16 96.30 66.17 96.30 66.18 96.30 66.10 96.30</td><td>╀┼┼┼┼┼┼┼┼┼┼┼┼</td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	65.77 90.33 65.64 96.55 66.15 96.55 66.15 96.55 66.15 96.55 66.16 96.55 66.17 96.57 66.19 96.57 66.10 96.37 67.30 96.37 67.30 96.37 67.30 96.37 67.30 96.37 66.16 96.30 66.16 96.30 66.16 96.30 66.16 96.30 66.16 96.30 66.16 96.30 66.16 96.30 66.17 96.30 66.16 96.30 66.17 96.30 66.18 96.30 66.10 96.30	╀┼┼┼┼┼┼┼┼┼┼┼┼						
64.70         64.47 <th< td=""><td>65.54 90.55 95.54 96.55 95.54 95.54 95.54 95.55</td><td>┧╄╏╎╏╇╏╏╏╇╏</td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	65.54 90.55 95.54 96.55 95.54 95.54 95.54 95.55	┧╄╏╎╏╇╏╏╏╇╏						
6,531         8504         MAXIS         CALL         5504         MAXIS         CALL	66.10 66.55 56.56 86.55 56.56 86.55 56.56 86.55 56.56 86.55 56.57 86.57 57.38 86.37 57.38 86.37 57.30 86.37 57.30 86.37 57.50 86.37 56.50 86.37 56.50 86.31 56.50 86.33 56.50	<del>┡┦╏╏┩╏╏╏╏╏╏</del>						
65.61         66.71         66.71         66.71         66.71         66.71         66.71         67.72         67.72         67.72         67.72 <th< td=""><td>66.10 100.00 66.10 100.00 66.10 100.00 66.40 100.00 66.40 100.00 66.40 100.00 66.40 100.00 67.30 100.07 67.30 100.30 66.40 100.20 66.40 100.20 66.40 100.20 66.40 100.30</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	66.10 100.00 66.10 100.00 66.10 100.00 66.40 100.00 66.40 100.00 66.40 100.00 66.40 100.00 67.30 100.07 67.30 100.30 66.40 100.20 66.40 100.20 66.40 100.20 66.40 100.30							
55.51         50.50         50.20 <th< td=""><td>56,40 89,54 56,40 89,54 56,40 89,54 66,40 89,54 67,10 86,57 67,10 86,17 67,10 86,17 67,10 86,17 67,10 86,17 66,10 86,17 66,17 86,17 66,17 86,17 66,17 86,17 66,17 86,17 66,17 86,17 66,10 86,10</td><td>╏╏╏</td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	56,40 89,54 56,40 89,54 56,40 89,54 66,40 89,54 67,10 86,57 67,10 86,17 67,10 86,17 67,10 86,17 67,10 86,17 66,10 86,17 66,17 86,17 66,17 86,17 66,17 86,17 66,17 86,17 66,17 86,17 66,10 86,10	╏╏╏						
\$1,514   \$6,000   \$1,525   \$	96,000 96,393 96							
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	56,500 56,500 57,500 57,500 57,500 57,500 57,500 56,500	╏╀╏╏╏╏						
9,17.9         9,17.9<	60.39 96.07 67.86 60.37 67.36 60.37 67.30 80.39 80.30 80.33 80.30 80.33 80.30 80.33 80.30 80.33 80.30 80.33 80.31 80.33 80.31 80.33 80.32 80.33 80.33 80.33 80.33 80.33 80.33 80.33 80.33 80.33 80.33 80.33 80.34 80.33 80.34 80.33 80.34 80.33 80.35							
67.54         98.97 <th< td=""><td>99,72 99,87 67,36 99,37 67,33 99,37 67,33 99,37 67,03 99,37 68,99 18,413 68,76 99,24 68,74 98,75 68,74 98,75 68,74 98,75 68,30 99,75 68,30 99,30</td><td></td><td></td><td> </td><td></td><td>_</td><td></td><td></td></th<>	99,72 99,87 67,36 99,37 67,33 99,37 67,33 99,37 67,03 99,37 68,99 18,413 68,76 99,24 68,74 98,75 68,74 98,75 68,74 98,75 68,30 99,75 68,30 99,30					_		
64.4         67.86         60.75         60.75         61.27         61.27         71.25           64.4         67.30         69.30         67.30         67.30         69.30         51.00         69.30         71.00           66.4         67.30         67.30         67.30         67.30         62.37         67.30         67.30         71.00         71.00           66.6         67.30         67.30         67.30         67.30         67.30         67.30         71.00         70.31           65.6         66.0         67.30         67.30         67.30         67.30         67.30         70.31         70.40           65.7         66.7         67.30         67.30         67.30         67.30         67.30         70.40         70.31           65.7         66.7         67.3         67.3         67.30         67.30         67.30         67.30         70.40         70.31           65.7         66.7         67.3         67.3         67.3         67.3         67.3         67.3         67.3         70.4         70.3         70.4           65.7         66.7         67.3         67.3         67.3         67.3         67.3         67.3	67.86 60.37 67.30 80.37 87.30 80.39 86.80 80.39 86.80 80.32 86.75 80.24 86.75 80.24 86.82 86.11 86.82 86.11 86.83 86.11 86.83 86.12 86.84 86.13 86.30 86.74 86.30 86.74 86.30 86.74 86.30 86.74 86.30 86.74 86.30 86.30 86.30 86.30				-		-	
69.34         67.34         68.34         68.34         68.35         68.37         68.37         68.37         61.02 <th< td=""><td>67.38 80.37 67.03 80.39 65.80 80.30 66.80 80 80.32 66.80 80 80.32 66.80 80 80.37 66.80 80.37 66.80 80.37 66.80 80.37 66.30 80.37 66.30 80.37 66.30 80.37 66.30 80.37 66.30 80.37 66.30 80.37 66.30 80.37 66.30 80.37 66.30 80.37</td><td><math>\frac{1}{1}</math></td><td></td><td></td><td> </td><td></td><td></td><td></td></th<>	67.38 80.37 67.03 80.39 65.80 80.30 66.80 80 80.32 66.80 80 80.32 66.80 80 80.37 66.80 80.37 66.80 80.37 66.80 80.37 66.30 80.37 66.30 80.37 66.30 80.37 66.30 80.37 66.30 80.37 66.30 80.37 66.30 80.37 66.30 80.37 66.30 80.37	$\frac{1}{1}$						
66.43         FULLY         66.43         CALL	96.30 96	$\frac{1}{1}$	36	╁	L	55.73	61,12	24
65.13         60.04         67.03         60.04         70.04           65.13         60.00         60.03         60.04         70.04         60.04         70.04           65.13         65.00         60.04         60.04         60.04         60.04         70.04           65.13         66.13         66.13         66.10         60.04         60.04         70.04           65.14         66.10         66.11         62.04         63.04         63.04         60.04         70.04           65.14         66.17         66.17         60.04         67.07         60.04         67.07         60.04         70.04           65.14         66.17	95,000 98	$\frac{1}{1}$	62.38	L			97.00	7.8
6,504         60,040 </td <td>56,00 66,00 65,00</td> <td>H</td> <td>62.05</td> <td>-</td> <td></td> <td>51.10</td> <td>60,88</td> <td>+</td>	56,00 66,00 65,00	H	62.05	-		51.10	60,88	+
65,19         66,09         65,01         66,01         67,01 <th< td=""><td>66.09 PA.01  66.17 65.50  66.17 65.50  66.17 65.50  66.17 65.50  66.10  66.10  66.10  66.10  66.10  66.10  66.10  66.10  66.10  66.10  66.10</td><td>+</td><td>╁</td><td>   -</td><td></td><td>49.00</td><td>90,61</td><td>4</td></th<>	66.09 PA.01  66.17 65.50  66.17 65.50  66.17 65.50  66.17 65.50  66.10  66.10  66.10  66.10  66.10  66.10  66.10  66.10  66.10  66.10  66.10	+	╁	  -		49.00	90,61	4
\$5,04         \$6,04 <th< td=""><td>66.05 05.59 65.75 06.24 65.77 06.75 65.67 06.75 65.73 06.75 65.73 06.75 65.30 06.75 65.30 06.75 65.30 06.75 65.30 06.25 65.30 06.25 65.30 06.25 65.30 06.25</td><td></td><td><del> </del></td><td>-</td><td>F</td><td>90'49</td><td>60.70</td><td>4</td></th<>	66.05 05.59 65.75 06.24 65.77 06.75 65.67 06.75 65.73 06.75 65.73 06.75 65.30 06.75 65.30 06.75 65.30 06.75 65.30 06.25 65.30 06.25 65.30 06.25 65.30 06.25		<del> </del>	-	F	90'49	60.70	4
55,31         66,75         66,75         67,10         67,11         61,44         61,45         61,45         62,23         40,77         61,41         61,45         62,23         40,87         60,71         61,41         61,43         62,23         60,71         61,43 <th< td=""><td>56,75 96,25 56,77 96,17 56,29 96,17 56,29 96,75 56,30 96,75 56,30 96,30 56,30 96,30 56,30 96,30 56,30 86,30 56,30 86,30 56,30</td><td>-</td><td>-</td><td>Ľ</td><td></td><td></td><td>60.62</td><td>╁</td></th<>	56,75 96,25 56,77 96,17 56,29 96,17 56,29 96,75 56,30 96,75 56,30 96,30 56,30 96,30 56,30 96,30 56,30 86,30 56,30	-	-	Ľ			60.62	╁
54.24         65.07 <th< td=""><td>85.17 85.00 85.10 86.11 85.10 86.11 85.10 86.11 85.10 86.11 85.10 86.10 85.10 86.10 85.30 86.30 86.30 86.30 86.40 86.10 86.10 86.10</td><td>+</td><td>53.71</td><td>Ļ</td><td>-</td><td>-</td><td>3</td><td>ļ</td></th<>	85.17 85.00 85.10 86.11 85.10 86.11 85.10 86.11 85.10 86.11 85.10 86.10 85.10 86.10 85.30 86.30 86.30 86.30 86.40 86.10 86.10 86.10	+	53.71	Ļ	-	-	3	ļ
54.24         56.54         66.74 <th< td=""><td>55.74 P6.11 56.50 P6.11 56.50 P6.11 56.50 P6.11 56.30 P6.70 56.30 P6.70 56.30 P6.70 56.30 P6.70 56.30 P6.30 56.30 P6.30 56.30 56.30 P6.30 56.30 P6.30 56.30 P6.30 56.30 P6.30 56.30 P6.30</td><td><del> </del></td><td> </td><td>Ц</td><td></td><td>4</td><td>2000</td><td>╁</td></th<>	55.74 P6.11 56.50 P6.11 56.50 P6.11 56.50 P6.11 56.30 P6.70 56.30 P6.70 56.30 P6.70 56.30 P6.70 56.30 P6.30 56.30 P6.30 56.30 56.30 P6.30 56.30 P6.30 56.30 P6.30 56.30 P6.30 56.30 P6.30	<del> </del>		Ц		4	2000	╁
54.12         55.00         51.32         54.43         44.57         50.05         51.32         54.43         44.57         50.05         51.32         54.43         44.57         50.05         51.32         54.43         44.57         50.05         51.32         54.44         44.57         50.05         50.05         51.32         54.44         44.55         50.05         51.32         54.74         54.75         50.05         70.06         90.05         70.06         90.05         70.06         90.05         70.06         90.05         70.06         90.05         70.06         90.05         70.06         90.05         70.06         90.05         70.06         90.05         70.06         90.05         70.06         90.05         70.06         90.05         70.06         90.05         70.06         90.05         70.06 <th< td=""><td>50.05</td><td><math>\frac{1}{1}</math></td><td>L</td><td>Н</td><td>1</td><td>4</td><td>20.00</td><td>+</td></th<>	50.05	$\frac{1}{1}$	L	Н	1	4	20.00	+
65.54         66.75         66.71         65.54         67.27         67.57         77.04           65.52         66.10         66.10         67.57         62.57         67.57         67.57         67.57         67.57         77.04           65.52         66.10         66.10         67.57         62.67         67.57         67.57         67.57         77.04           65.52         66.10         67.57         62.57         62.67         67.57         67.57         77.04         77.50           65.52         66.10         67.57         67.57         67.57         67.57         67.57         67.57         67.57         77.50         77.50           65.57         66.10	56.23 96.74 86.35	1		+	+	$\frac{1}{1}$	20.00	+
55.34         56.78 <th< td=""><td>56.70 90.75 56.70 80.70 56.30 80.30 56.30 80.37 56.30 80.37 56.16 80.37 56.16 80.37</td><td>H</td><td>-  -</td><td>- </td><td><math>\frac{1}{1}</math></td><td>+</td><td>81.8</td><td>ŀ</td></th<>	56.70 90.75 56.70 80.70 56.30 80.30 56.30 80.37 56.30 80.37 56.16 80.37 56.16 80.37	H	-  -	-	$\frac{1}{1}$	+	81.8	ŀ
65.34         60.44         64.75         62.13         67.02         62.37         62.84         62.84         62.84         62.84         62.84         62.84         62.84         61.76         71.20         71.20           65.34         60.44         60.34         61.76         62.76         62.71         62.87         64.86         65.77         61.85         71.00           65.25         65.34         60.44         60.47         62.76         62.77         62.86         62.77         64.80         71.00         71.00           65.25         65.34         66.34         67.77         62.76         62.77         62.87         61.87         71.00         71.00           65.25         65.34         66.34         67.77         62.87         62.77         62.87         61.87         71.00         71.70           65.17         66.17         67.77         62.87         62.77         62.87         61.87         71.70         71.71           65.17         66.17         66.17         67.77         62.87         62.77         62.87         61.87         71.71           65.17         66.17         67.77         62.17         62.17         62.17         62.1	65.00 86.00	_	+	+	+	$\dagger$	87.78	-
55.74         56.74         66.75         66.75         66.75         61.95         71.00           55.72         65.74         66.75         61.95         52.00         62.75         62.	56,30 86,30 56,30 86,36 56,34 96,34 56,04 84,16 56,05 86,34 56,16 86,34 56,16 86,34 56,16 86,34 56,16 86,34	H	$\frac{1}{1}$	+	$\frac{1}{1}$	╀	01,70	Н
55.22         56.00         66.00         67.00         67.00         67.00         67.00         67.00         67.00         67.00         67.00         77.00           55.25         66.00         66.00         66.00         67.00         67.00         67.00         67.00         67.00         67.00         77.00         77.00           55.75         66.00         66.10         67.00         67.00         67.00         67.00         67.00         67.00         77.00         77.00           55.70         66.10         67.00         47.00         47.00         47.00         67.00         67.00         67.00         67.00         77.10         77.10         77.10         77.00         77.10         77.10         77.00	56,30 10,34 10		+	+	╀		61,55	otag
65.25         66.34         66.34         66.34         66.34         66.34         66.34         66.34         66.34         66.34         66.34         66.34         66.34         66.34         66.37         70.30           65.42         65.43         65.44         66.44         66.44         66.44         66.44         66.44         66.47         70.21           65.10         66.10         66.10         66.14         67.24         62.27 </td <td>66,00 00,000000</td> <td>1</td> <td><math>\frac{1}{1}</math></td> <td><math>\mid</math></td> <td>-</td> <td>L</td> <td>61.80</td> <td>-</td>	66,00 00,000000	1	$\frac{1}{1}$	$\mid$	-	L	61.80	-
55.47         66.04         64.14         61.25         61.24         61.24         61.25         61.20         70.21           65.10         60.16         61.20         62.20         52.04         52.17         52.77         54.67         51.27         61.45         70.21           55.10         60.16         60.27         62.06         52.17         52.77         54.67         51.27         61.40         70.21           55.10         60.27         60.27         52.77         52.77         52.77         61.80         71.31           55.27         60.27         60.27         62.77         62.77         62.77         61.80         71.31           55.27         60.27         62.77         62.77         62.77         61.80         71.71           55.27         60.27         62.77         62.77         62.77         62.77         61.80         71.71           65.79         66.70         62.77         62.77         62.77         62.77         62.77         71.71           66.70         66.70         62.77         62.77         62.77         62.77         71.71           66.71         62.77         62.77         62.77         62.77	66,00 96,10 66,15 96,38 66,02 96,38	+	$\dagger$	╀	┞	┞	61,40	4
65.10         69.14         47.27         43.24         52.24         52.24         52.27         54.65         51.69         61.45         70.21           54.10         66.17         66.24         67.24         62.24         52.77         54.59         51.59         61.40         70.21           54.77         64.67         64.03         52.07         62.14         62.77         54.59         51.59         61.40         77.21           55.75         64.67         64.03         52.07         62.14         62.77         54.50         62.60         62.60         77.70         77.70           55.75         64.64         67.75         64.50         55.77         64.50         65.00         65.00         65.00         77.70           65.77         67.84         67.75         67.85         67.50         65.00         65.00         77.70         77.70           65.78         57.74         67.50         65.00         65.00         65.00         65.00         65.00         65.00         67.50         77.70           65.79         57.74         47.70         47.70         47.70         47.70         47.70         47.70         77.71           65.70 <td>56,15 66,02 96,02 96,02 96,03</td> <td>+</td> <td><del> </del></td> <td>-</td> <td>ŀ</td> <td>Ľ</td> <td>91.30</td> <td>-</td>	56,15 66,02 96,02 96,02 96,03	+	<del> </del>	-	ŀ	Ľ	91.30	-
64.10         66.07         66.07         66.07         65.07         62.17         62.07         71.21         71.21           65.72         66.07         66.07         66.07         65.07         65.07         66.07         62.07         71.71         71.71           65.72         66.72         67.07         66.07         65.07         66.07         66.07         71.71         71.71           66.72         67.04         67.04         67.04         67.07         67.07         62.07         71.71         71.72           66.72         67.04         67.04         67.04         67.04         67.04         67.04         71.71         71.72           66.73         67.04         67.04         67.04         67.04         67.04         67.04         71.71         71.71           66.74         67.04         67.04         67.04         67.04         67.04         71.71         71.71	56.02 90.23	1	+	<u> </u>	ŀ		61.45	+
54.87         66.01         96.36         46.09         46.09         46.09         46.09         46.09         46.09         46.09         46.09         46.09         46.09         46.00 <th< td=""><td>22</td><td><math>\dagger</math></td><td>ł</td><td>ŀ</td><td>_</td><td>L</td><td>왕</td><td>┨</td></th<>	22	$\dagger$	ł	ŀ	_	L	왕	┨
15.25   10.27   10.25   17.1	56,01	+	+	L	Ľ	Н	96,190	+
65.79 50.30 Walls 1.23 1.23 1.23 1.23 1.23 1.23 1.23 1.23	59.27 98.62	+	ł	H	H	Н	25.52	╁
66.76         57.74         Box36         51.00         51.00         51.00         51.00         51.00         67.50         67.50         67.50         67.50         67.50         67.50         67.50         67.50         67.50         67.50         67.50         67.50         67.50         67.50         77.51         77.51           80.35         50.30         67.30         51.00         54.50         63.51         52.07         54.50         65.35         67.30         77.31           60.35         67.30         67.30         67.30         67.30         67.30         77.31           60.35         67.35         67.50         67.35         67.37         54.60         67.30         77.31	56.50	+	-	<u> </u>	Н	-	333	+
56.54         57.04         61.06         56.24         53.71         52.07         54.00         57.00         77.31           Ba35         56.74         67.24         67.35         54.05         63.35         57.35         54.07         63.35         67.30         77.31           66.34         66.34         66.34         67.30         67.30         77.51         78.00         77.51	57.14 96.59	+	<u> </u>	Н	4	+	1972	t
60.35 NATA 00.31 47.68 60.31 54.05 62.35 54.75 NATA 02.30 71.51 55.70 52.70 71.51	53.56		L		+	+	200	╀
56.72 50.72	7300	H	$\vdash$		+	$\frac{1}{1}$	200	╁
	56.74	ł	$\vdash$			-	66,30	

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18.87		7.	22	64,03	65.83	63.66	15.0	61.36	62.85	62.70	55,52	42.64	62.64	62.47	62.09	61.88	51,12	G.19	61.71		61,68	61,88	61.61	61.54	61,50											Ţ	I		Ī			T			Ī		T	Ţ	]
71.35	ę.	90.02	70.21	69.46	99'00	68,71	\$4.34	67,51	19.99	1,8	65.73	65.73	65,75	16,20	64.20		64.31			64,44	64.23	65,43	95.30			62.60	65.03	72.77	15.25	91.00	62.13	62.08	91.80	62.18	172	27.4	14.70		25.52	84.65	2	47.00	N CO		76.19	1778	5.43	8.8	12.75
6235	17.75	62.05	61,50	90'00	60,70	60.70	90,30	90.05	5P,40	59.40	59,04	69,00	90'09	12'85	56.08	57.48	56.28	57.33	57.43	54.06	59,66	59,12	59.62	59.02	19'29	50.54	X,28	22.55	92	5.78	54.93	54.80	5.73	55.07	\$3,03	È	05.37	*	2 2	27.53			1072		702	ş .	*CC	2	8T 189
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55.73	65.79	56.42	2	45.36	85.04	24.62	26.67	22	53.02	23.00	22.5	200	2 2	2 4	2002	S	1 C		20.23	200	04.90	26.70	W. C.		7 5		2 2		24.04	20.00	9 79	87.75	20,25	54.59	54,69	54,59	54.00	54,48	54.43	53.65	62.45	53.2	52.70	63.1	53.35	63.8	5,73	54.65	54.40
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# **LEGEND**

TRANSECT LINE

PZX00

PIEZOMETER LOCATION

\_ SGX00

STAFF GAUGE LOCATION

NOTES:

INITIAL SPT SOIL BORINGS, SETWEEN 25' AND 50' IN DEPTH, WILL BE PERFORMED AT ALL PIEZOMETER LOCATIONS.

TWO BENCHMARKS WILL BE SET ON THE SITE AND MAINTAINED THROUGHOUT THE ENTIRE PROJECT DURATION.

(c) 2009 Weaver Boos Consultanta Southeast, LLC

Drawn by: JS Approved by: JS

z/Clemon(3111) 3111351-01 Existing Base Map dwg

March 1, 2009

Monitoring Plan Gator Pond Restoration by Mining Sumter County, Florida WEAVER BOOS CONSULTANTS

filinois - Indiana - Michigan - Ohio Missouri - Texas - Colorado - Florida Weaver Boos Consultants Southeast, LLC 365 Citrus Tower Boulevard, Suite 110 Clermont, Florida 34711 (352) 241-0848 - www.weaverboos.com Engineering Business Number 28055

# WEAVER BOOS CONSULTANTS

Mr. Brad Cornelius, Manager Sumter County Planning and Development 910 North Main Street, Suite 301 Bushnell, Florida 33513

Via email to brad.cornelius@sumtercountyfl.gov

Regarding

Gator Pond Restoration by Mining Special Use Permit Conceptual Plan Girl Scout Property, Wildwood, Florida

Black Gold Compost Company - 3111352-01-00-01

Responses to Volkert and Associates, Inc., letter dated June 5, 2009 Responses to Tetra Tech letter dated June 22, 2009

Dear Mr. Cornelius:

Weaver Boos Consultants Southeast, LLC, representing the applicant, Black Gold Compost Company, is in receipt of the two letters listed above. With this letter, we are responding first in general to the status of the application, second with specific responses to concerns raised in the letters, and third in more detail to the concerns raised regarding access and groundwater. For purposes of this letter, SC shall refer to Sumter County Planning and Development, FDEP shall refer to the Florida Department of Environmental Protection, SWFWMD shall refer to the Southwest Florida Water Management District, and ACOE shall refer to the United States Army Corps of Engineers.

#### In General

In considering the responses below, it is the applicant's understanding that the plans, specifications, and other documents previously submitted are to be considered under Section A.2. in Appendix 13.A. of the Sumter County Code. It appears that many of the questions and concerns raised by Volkert and Associates, Inc., and Tetra Tech would require significantly more detail than what is required by that Section. While the applicant does intent to provide all of the needed evidence and information required for the reviewing authority to make a proper decision, the applicant would stress that this is a land use decision and not a final engineering approval.

The detailed information requested by Volkert and Associates, Inc., and by Tetra Tech will be included as part of the application for the Development Permit, which will be submitted in

accordance with Section A.3. of Appendix 13.A. The applicant will provide as much detail as possible in response to the requested information; however, the applicant does not intend to provide final engineering plans for a land use matter, as neither the code requires it, nor would it be reasonable at this time.

#### Volkert and Associates, Inc.

# 1. Stormwater Impacts

The final design of the dike system and dewatering plan, as part of the overall detailed mining plan (which will be part of the detailed Development Plan), will be reviewed and permitted by SC, FDEP, SWFWMD, and possibly ACOE. A permit would not be issued for the system and plan if it causes impacts in any manner to surrounding property owners. This does not appear to be an issue that needed to be addressed in detail while considering a land use question, as the current application does. However, the applicant would welcome a condition to the special use permit to address this concern.

## 2. Mitigation Plan and Emergency Management Contingency Plan

While the term "emergency management contingency plan" does not seem to apply to this application, similar to the statement above, the detailed Development Plan will include any mitigation that is required by either SC or other agencies.

#### 3. Erosion Control Plan

Similar to the statement above, the overall detailed Development Plan will include an erosion control plan to be reviewed and permitted by SC, FDEP, and SWFWMD.

#### 4. Restricted Access Hours

While the applicant does not believe that the truck traffic generated by this facility will have a measurable impact on County Road 462 (the trips generated during each of the periods mentioned in the letter would likely be no more than two trucks entering and two trucks exiting), the applicant would be open to a condition that addresses this concern.

#### 5. Temporary Left Turn

As noted above, the number of trips generated by this site should not exceed twenty entering and twenty exiting per day. This very low volume should not require a left turn lane. The applicant can provide a traffic analysis as part of the detailed Development Plan.

### 6. Mulch Odor

There will be no mulch on this site. The harvested peat will be processed at a separated location. The actually harvesting of peat does not result in any significant odors.

## 7. Removal Schedule

The duration of mining on this site is expected to range between five and fifteen years, depending on market conditions. As part of the FDEP permit, the applicant will be required to set a preliminary completion date, as well as submit an annual report (copied to SC) that will detail the volume of mining completed and update that projection.

## 8. Other Agencies

The detailed Development Plan that is submitted to SC will be identical to those submitted to other agencies. As revisions or changes are made to these plans, SC will be copied.

# 9. Night and Weekend Work

The applicant assumes that this would refer to work in the public right-of-way. The applicant intends to conduct a pre-application meeting with Sumter County Public Works prior to starting any work in the public right-of-way. Furthermore, the design of any improvements to the public right-of-way will be approved as part of the detailed Development Plan.

## 10. Signage

As noted above, this will be addressed as part of the detailed Development Plan.

#### 11. Restoration Plan

As noted above, this will be addressed as part of the detailed Development Plan.

#### 12. Spill Notification

As noted above, this will be addressed as part of the detailed Development Plan.

#### Potable Wells

Please see the detailed response at the end of the letter. Please note that all of the wells on the subject property have been shown on the plan. As the edge of water is at least 350 feet from the nearest property line, this would include all of the wells within 350 feet of the area to be mined.

#### Tetra Tech

# 1. Historic Hydrology

The applicant does not believe that the hydrology of Gator Pond has or can be altered in any way. As shown on the plan, there has been a loss of open water due to increased vegetative growth that can be documented through aerial photographs for over forty years. Based on that and other anecdotal evidence, it can be extrapolated that this process has been occurring for a number of years.

As with many other water bodies, the most likely reason for this increase in vegetative growth within Gator Pond is the run-off of nutrients into the water body. The surrounding area is historically agricultural, and it can be assumed that this would be source of these nutrients.

The property owner and applicant do intend to reverse the loss of use through this process. The property owner and applicant intend to design and introduce a number of measures (such as recharge/treatment swales) to facilitate the continued health of the water body. However, as the water body appears to be within a closed basin, the water body will continue to accept run-off from surrounding property owners. Unfortunately, the applicant cannot dictate the quality of the run-off that enters the water body from these surrounding properties.

## 2. Wetland Plant Species

The applicant has not undertaken a detailed vegetative analysis beyond a visual survey, both on the site and using aerial photography. The applicant can include the requested information as part of the detailed Development Plan. This would include a detailed UMAM analysis.

#### 3. Water Level Data

The water level data has been supplied directly to Tetra Tech via email.

## 4. Bald Eagle Nest

The nearest known Bald Eagle nest is five miles from the project site. The map has been supplied directly to Tetra Tech via email.

#### 5. Quality of Peat

It would be financially unreasonable for the applicant to mine peat from a site if it was not of a quality that can be used by the applicant in his business operations. As part of the detailed Development Plan, the applicant will demonstrate the depth and expectations regarding the peat to be mined.

#### 6. Open Water Area

As noted above, the historical aerial photographs clearly demonstrate a loss of open water during the last forty years. FDEP regulations, in very general terms, allow a sixty percent increase in the open water surface area. The applicant intends to work with FDEP to establish a baseline historical open water surface area as part of the detailed Development Plan. The final open water surface area will then comply with FDEP regulations.

#### 7. Typical Cross Sections

As noted above, this will be addressed as part of the detailed Development Plan.

# 8. Final Planting Plans

As noted above, this will be addressed as part of the detailed Development Plan.

# 9. Depth of Final Muck

As noted above, this will be addressed as part of the detailed Development Plan.

#### 10. Final Ground Cover

Obviously, the applicant does not intend to reintroduce undesirable species back into the wetland system. This would refer only to desirable species. As noted above, this will be further addressed as part of the detailed Development Plan. The applicant would welcome a condition to the special use permit to address this concern that would specifically only allow desirable species (with the exact species to be determined) as part of the reclamation plan within detailed Development Plan.

# 11. Design of Piezometers

This design was taken directly from a peat mine application that was permitted by FDEP within the last twenty-four months in Lake County. However, as noted above, this will be further addressed as part of the detailed Development Plan.

# 12. Desirable Species

As noted above, this will be addressed as part of the detailed Development Plan. The applicant would welcome a condition to the special use permit to address this concern that would specifically only allow desirable species (with the exact species to be determined) as part of the reclamation plan within detailed Development Plan.

#### 13. Final Maintenance

The applicant and the owner will develop a final maintenance agreement that will eventually transfer the maintenance from the applicant to the owner. As noted above, this will be further addressed as part of the detailed Development Plan.

#### 14. Reclamation Maintenance

Please see the response to Item 1. above. This schedule is consistent with previous peat mine reclamations plans that have been approved by FDEP. However, the applicant is willing to consider a different schedule as part of the detailed Development Plan.

#### 15. Depth and Quality of Peat

Please see response to Item 5. above. The applicant has a forty year history of mining peat in the area and conducted a thorough investigation of the subject property. The depth of the peat will

be included as part of the cross sections in the detailed Development Plan. Additional details will be included as part of the detailed Development Plan.

#### 16. FLUCCS

The FLUCCS has been supplied directly to Tetra Tech via email. As historic aerial photographs are of low resolution, it is very difficult to make a determination of historic FLUCCS designation (outside of open water) within the water body.

# 17. Depth of Peat

As noted above, the depth of the peat will be included as part of the cross sections in the detailed Development Plan.

#### In Detail

Access Management

The applicant will be prepared at the DRC meeting to discuss the considerations and concerns for each access alternative and select an alternative during that meeting.

#### Groundwater

This project should have no impact on water wells outside of the subject property. The temporary localized depression of the shallow water table will be accomplished with no net discharge from the property and conserve essentially all of the water that is pumped. Rather than discharging the water from the property, it will be immediately recharged back to the water table as near as possible to the excavation. The dewatering will be done by excavating trenches or pits inside the proposed excavation area and then using portable pumps to depress the water table just enough to excavate the muck. Because the muck cannot be allowed to dry out, the water table will be locally depressed just enough to excavate and no more than this. Immediate replacement of the groundwater by pumping it into an adjoining portion of Gator Pond will locally raise the water table. At distances greater than a few hundred feet from the work area, these two opposite influences will tend to balance each other out and the net effect on shallow water table levels will be no greater than a few inches, which is less than the natural fluctuations that occur with the change of seasons. The only net loss of water that might result from the operation would be a small increase in evaporation during physical disturbance of the work area.

Even though the project's impact on nearby water able levels is expected to be negligible, the operator will be required to actively monitor groundwater levels on the property as needed to verify that there are no significant effect on water levels beyond the property boundary. Monitoring of groundwater levels will include the installation of piezometers (wells screened in the water table) and periodic measurements while the work is under way. In the unlikely event that the nearby water table is unduly depressed in a particular area, water table recharge locations will be immediately adjusted to restore the required balance of water movement and recharge.

Thank you for your time and consideration in this matter. As discussed previously, we are requesting that this project be placed on the July 13, 2009, agenda of the DRC.

Sincerely,

Weaver Boos Consultants Southeast, LLC

Jeffrey D. Schaffer, PE Senior Project Manager

cc: Black Gold Compost Company

West Central Florida Council of Girl Scouts

# Webb, Aimee

From:

Lewis, Roland [rlewis@weaverboos.com]

Sent:

Tuesday, June 02, 2009 12:01 PM

To:

Cornelius, Brad

Cc:

Schaffer, Jeffrey; rmikel27@aol.com; Webb, Aimee; Cassels, Sandy

Subject:

Gator Pond Special Use Permit

Attachments: OP 2006-005.doc

Hello Brad,

Thank you for transmitting the items below to us for comment.

Black Gold Compost Company plans to switch operations from the Nichols site to the Gator Pond site. Hauling from Gator Pond will not be an additional volume of vehicles transporting on CR 237; which is limited by Sumter County to 40 trips per day on CR 237, accessed from the north only via CR 466. Apparently Mr. Stevens did not review sheet C3.3. Trucking Plan Sheet C3.3, shows the proposed haul route from the site; CR 462 east to SR 301, CR 462 west to CR 475. As noted in Mr. Stevens e-mail below, Mr. Parrett will be attending the DRC meeting. Michael Lange and Jeffrey Schaffer, P.E. met with Dale Parrett last month to discuss the haul route and trip numbers.

Can you provide us the correspondence and names of the concerned surrounding property owners? We did a community outreach at the Girls Scout Camp Wildwood, notifying all surrounding property owners in advance, inviting them to an open house, did a project presentation with Q & A, tour of the facility. Jody Johnston, GSCEO, and Michael Lange, Black Gold's President, directed the proceedings. It is unfortunate some concerned property owners chose not to attend that very informative event. We do appreciate the property owners that did attend.

Regarding the odor issue, of the many peat excavation sites I have visited over the years, I have yet to detect an objectionable odor. It is hoped the mentioned concerned surrounding property owners are aware that the peat will be mined in a dry state and there will be no processing at the Gator Pond site.

Regarding the length of time anticipated for the operation, Black Gold Compost Company will make every reasonable effort to expedite the project time period.

We are looking forward to meeting with the DRC on June 8th.

Best regards, Roland

## Roland Lewis | Environmental Specialist Weaver Boos Consultants

365 Citrus Tower Blvd. | Suite 110 | Clermont, FL 34711 t. 352-241-0848 | f. 352-241-0843 | m. 352-227-0868 www.weaverboos.com | rlewis@weaverboos.com

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From: Cornelius, Brad [mailto:Brad.Cornelius@sumtercountyfl.gov]

Sent: Monday, June 01, 2009 5:55 PM

To: Lewis, Roland Cc: Webb, Aimee

**Subject:** Gator Pond Special Use Permit

6/5/2009

#### Importance: High

Roland,

Please respond the questions posed by Bill Stevens, County Engineering Manager, below. Specifically, is the material going to the existing facility on CR 237; what is the haul route, will the additional trucks going to CR 237 exceed the 40 trip limit at the facility?

Also, we have received some concerns from surrounding property owners regarding potential odor issues with the digging of the muck and concern of the length of time anticipated for the operation.

Thank you,

Brad Cornelius, AICP Planning Manager Sumter County

From: Stevens, Bill

Sent: Monday, June 01, 2009 8:54 AM

To: Cassels, Sandy; Cornelius, Brad; Webb, Aimee

Cc: Kuhl, Gary; Parrett, Dale

Subject: RE: June 8th DRC agenda

Below please find our comments for the subject DRC meeting:

#### Approval of Minutes:

Minutes from the May 18, 2009, DRC meeting.

Have yet to receive the minutes; will comment if needed.

#### New Business:

#### 1. Gator Pond Restoration - Major Development - Special Use Permit

- Driveway permit will be required for the proposed connection the C-462. Applicant has contacted staff and discussed location(s).
- It was assumed the final disposition location is 11424 CR 237; haul route needs to be identified that will be utilized to and from Gator Pond.
- (Aimee/Brad C.) Does the additional (25 trips) traffic from Gator Pond to from the Black Gold operations base adversely impact (exceed the permitted maximum of 40 TPD) on CR 237 ref: existing operational permit (OP 2006-005) attached?
- (Aimee/Brad C.) will the attached operating permit need to be amended to account for the haul route and potential impact to X,Y,Z roads or will a separate document be utilized?

## FYI Dale Parrett will be attending this meeting on my behalf.

William F. "Bill" Stevens Jr., P.E.

Assistant Public Works Director for Planning, Engineering and Environmental Projects **Sumter County Public Works** 319 East Anderson Avenue Bushnell, Florida 33513 352.793.0240 Office

From: Cassels, Sandy

352.793.0247 Fax

Sent: Tuesday, May 26, 2009 9:14 AM

To: Bill Stevens; Burris, Brad; Cassels, Sandy; Chris Brimo; Cornelius, Brad; Dan Hickey; Derrill L. McAteer; Kenny Wilson; Parrett, Dale: Rolland Shrewsbury: Webb, Aimee

## Subject: June 8th DRC agenda

Hello everyone,

Attached you will find the agenda for the June 8th DRC meeting. I have placed the plans on the county's ftp site.

The address is <a href="mailto:ftp.sumtercountyfl.gov">ftp.sumtercountyfl.gov</a> user name – sumterplanning password - zoninginfo

When you get there, click sumterplanning and the June 8th tab.

# Sandy Cassels

Planning Technician Sumter County Planning & Development Office: 352-793-0270 X 2669

\*\*\*\*\* Important Notice \*\*\*\*\*

The Board of Sumter County Commissioners is a public agency subject to Chapter 119 of Florida Statutes concerning public records.

# Webb, Aimee

From:

Garcia, Miguel [Miguel.Garcia@tetratech.com]

Sent:

Monday, June 29, 2009 11:35 AM

To:

Webb, Aimee

Subject:

FW: Gator Pond Restoration Project - Sumter County Florida

Attachments: Gator Pond - Villages CUP Table.pdf

FYI

Miguel Garcia, P.G.

From: Musser, William

Sent: Monday, June 29, 2009 8:25 AM

To: Garcia, Miguel

Subject: FW: Gator Pond Restoration Project - Sumter County Florida

FYI and then to discuss they may already have a response to you?

From: Lewis, Roland [mailto:rlewis@weaverboos.com]

Sent: Friday, June 26, 2009 5:45 PM

To: Musser, William Cc: Schaffer, Jeffrey

Subject: Gator Pond Restoration Project - Sumter County Florida

Jeffrey didn't include the Villages CUP Table which you requested in your review letter. The table is attached.

Thanks. Roland

# Roland Lewis | Environmental Specialist **Weaver Boos Consultants**

365 Citrus Tower Blvd. | Suite 110 | Clermont, FL 34711 t. 352-241-0848 | f. 352-241-0843 | m. 352-227-0868 www.weaverboos.com | riewis@weaverboos.com

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The Villages Wetland Surface Water Elevation (ft. NGVD)

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Evans Prairie					ļ									1																						51.12	00:10	40.00	60.20	60.62	58.40	59.68	59.65	25.53	200	61.75	61.70	61.55	51.60	61,40	61,30	61.45	61,40	61.90	62.52	62.63	62.55	63.30	
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52.72	52.82	52.32	51.68	51.42	51.17	51,32	52.34	51.32	20.05	50.67	50,40	50.57	50.87	50.37	48.91	49.15	40.34	48.60	48,45	50.10	49.79	50.73	SC.38	49,56	50,52	47,98	47.66	27.72	47.55	47.36	47.58	47.48	47,62	47.78	47,54	47.72	47.9	47.71	47.8	47,08	47.34	48.69	45.88	47,21	47.41	47,83	47.55	48.51	49.66
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55.95	25.60	55.23	54.84	54.08	53.74	53.59	53,31	53.30	52.61	52.36	52.07	52.45	52.11	51.57	51.06	50.29	50.41	49.57	48.40	50.58	50.29	51,16	50.74	49.97	51.04	52.66	52.69	52.6	52.4	52.2	52.26	27.23	222	15231	52.20	52.12	52.58	52.74	\$2.51	51.66	51.47	51.28	51.4	51.56	51.81	52.31	52.34	53.89	\$3.9
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From:

Schaffer, Jeffrey [jschaffer@weaverboos.com]

Sent:

Thursday, July 16, 2009 10:36 AM

To:

Webb, Aimee

Cc:

Lewis, Roland

Subject:

Additional discussion regarding restoration

Attachments: 3111-351-01-00-01 Gator Pond Girl Scout Camp Wildwood - Discussion of Restoration Areas.pdf

Ms. Webb,

Attached is a discussion on the restoration process for Gator Pond that was requested by Tetra Tech via a telephone call earlier this week.

Thank you for your help in this matter.

Jeff Schaffer

## Jeffrey Schaffer | Senior Project Manager Weaver Boos Consultants

365 Citrus Tower Blvd. | Suite 110 | Clermont, FL 34711 t. 352-241-0848 | f. 352-241-0843 | m. 352-227-0867 www.weaverboos.com | jschaffer@weaverboos.com

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#### Classification of Restoration Areas

The Florida Department of Environmental Protection classifies the restoration areas into four categories. The following described categories based on the assumption that the seasonal high and seasonal low surface water elevations vary approximately 24 inches from the normal surface water elevation. This difference has not yet been measured for Gator Pond; however, the data from 2004 and 2005 would appear to support this assumption.

Category	Description	Corresponding FLUCCS Codes
Open Water	The ground elevation is approximately 72 inches below the normal surface water elevation.	5230
Emergent Marsh	The ground elevation is between approximately 72 inches and 48 inches below the normal surface water elevation.	6410 and 6440
Freshwater Marsh	The ground elevation is between approximately 48 inches and six inches below the normal surface water elevation.	6410 and 6440
Wet Prairie	The ground elevation is between approximately six inches below to 24 inches above the normal surface water elevation.	6430

The water body in question is 84 acres. The current area of open water/emergent marsh (which will be later confirmed by detailed survey work) is approximately 12 acres, or 14 percent of the total surface area. Based on a review of 1970 aerial photography, it appears that the previous open water/emergent marsh was approximately 28 acres, or 33 percent of the total surface area.

Based on previous experience with FDEP, the restoration would likely include no more than 42 acres total of open water/emergent marsh, or 50 percent of the total surface area. This determination is based partially on the area of undesirable species that is removed and the credit granted by FDEP. Of the final allowed open water/emergent marsh, it is likely that one-third will be open water and two thirds would be emergent marsh.

The remainder of the water body would be restored as a freshwater marsh. It should also be noted that there appears to be very little wet prairie within the proposed area to be mined, and as such, there would be little restoration of this type. There is significant wet prairie on the property on the south side of the pond, but this is not an area that would support mining.

All of the above is summarized in the following table. It should be noted that these are assumptions and the final determination will be based on surveys of the property and final decisions of FDEP.

Category	1970	Current	Expected Re	storation
Category	Conditions	Conditions	Minimum	Maximum
Open Water	28 acres	12 acres	10 acres	14 acres
Emergent Marsh	Zo acres	12 acres	20 acres	28 acres
Freshwater Marsh	56 acres	72 acres	54 acres	42 acres
Wet Prairie	N/A	N/A	N/A	N/A

#### **Wetlands Species**

It is expected that much of the current vegetation will be removed from the site, as it is not considered desirable. The following is a list of the types of species that would replace this vegetation:

Open Water and	d Emergent Marsh Species
Bladderworts	Small floating/submersed plant with yellow flowers and carnivorous underwater bladders. There are 14 native Florida species.
Spatter-dock	A water lily with yellow (early spring to summer) flowers. Can form dense colonies and should be planted at density of 3-5 plants/25 feet in 3 feet of water. Waterbirds feed on seeds.
Fragrant Water Lily	A water lily with white (spring to fall) flowers. This plant spreads, so plant in sunlight with a planting density of 3-5 plants/25 feet in water 3 feet deep. Ducks and mammals feed on seeds and stems.
Emergent Mars	h and Freshwater Marsh Species
Variable Leaf Arrowhead	Small white flowers and spear-shaped leaves are characteristic. This plant also grows in shallower water like the banana lily.
Water Starworts	These are tiny flowering annual aquatics with 3 species scattered throughout Florida. They prefer to grow in quiet shallow water. All parts of the plants are eaten by ducks.
Southern Naiad	Long-stemmed with many branches bearing short, dark, green to purple-green leaves. Spreads quickly; can become weedy. Major food plant for Florida waterfowl.
Illinois	Submersed plant with elliptic floating leaves and green flower spikes. Prefers alkaline water of
Pondweed	shallow to fairly deep lakes, ponds, rivers. Rhizome growth can be extensive.
Yellow Canna	Yellow flowers year-round, grows to 4 feet. Preferred conditions are sun to partial shade, intermittent flooding, at a planting density of 18 inches. Plants spread quickly, add color, and attract butterflies.
Caric Sedges	Numerous (16 wetland species) clump-forming emergent or marginal sedges. Nutlets are eaten by birds and mammals.
String Lily	Fragrant flowering perennial that grows to 3 feet. Plant 2 feet apart in sun to partial shade, from water's edge to water 3 feet deep. Ducks and mammals feed on seeds.
Jointed Flat	Grows to 5 feet. Plant 3 feet apart in sunlight, in water (even brackish) up to 30 inches deep.
Sedge	Songbirds eat seeds.
Spikerush	Attractive green stems; spreads quickly. Plant 3 feet apart. Recommended for monoculture plantings. Dense growth can retard weeds. Other species of Eleocharis are not recommended.
Soft Rush	Emergent or marginal rush to 4 feet. Planting density should be 3 feet in moist soils. This plant stabilizes shorelines and will survive extended flooding. Ducks and mammals eat seeds. There are >20 Florida native Juneus species.

Freshwater Ma	arsh Species
Golden Club	Characteristic club-like yellow flowers and attractive blue-green leaves. Can grow to 15 inches. Plant in full sun, 3 feet apart.
Arrow Arum	Yellow flower stalks backed by hood and surrounded by large arrow shaped leaves. Grows to 3 feet in light or shade. Seeds eaten by waterfowl.
Smartweed	Flowering colonial herbs. Grow 1-5 feet in sun to shade. Seeds eaten by waterfowl.
Pickerelweed	Purple flowering colonial reaching a height of 4 feet. Plant 2-3 feet apart in medium to high light, in 6-18 inches of water. Ducks and mammals feed on seeds; Apple snails lay eggs on stems; and butterflies are attracted to this plant.
Duck Potato	Flowering perennials, 1-5 feet high. Plant 2 feet apart in sun, along water's edge to water 6 inches deep. Waterbirds and mammals feed on seeds and tubers; flowers attract butterflies.
Water Hyssop	Sprawling flowering emergent, reaching 6 inches in height. Grows in sun to partial shade, in areas that are almost always wet. B. monnieri attracts butterflies.
Bog Buttons	Stems arranged in tufts reach 1.5 feet; flower heads are white; leaves basal rosettes.
Milkworts	Height (6 inches to 3 feet) and flower color vary by species (23 native wetland species in Florida).

#### Maintenance of Restoration

FDEP regulations require the restoration plantings to be monitored for a minimum of three years. At the end of three years, the successful vegetation must be 80 percent desirable planned species for the restoration to be considered complete. If that is not achieved, the restoration will require additional remediation and will be monitored until the criteria are achieved (and for a minimum of one additional year).

For this project in particular, the peat mine operator will be responsible for the reclamation and restoration. The restored area will not be turned back over to the property owner for maintenance until the restoration has been released by FDEP.

From:

Stevens, Bill

Sent:

Tuesday, July 14, 2009 3:04 PM

To:

Cassels, Sandy

Cc:

Webb, Aimee; Cornelius, Brad; Parrett, Dale; Kuhl, Gary; Dabkowski, Jerry A.

Subject: RE: DRC agenda for July 20th

#### Approval of Minutes:

Minutes from the July 6, DRC meetings.

Minutes appear to be accurate.

#### Old Business:

#### 1. Gator Pond Restoration - Major Development - Special Use Permit

 Driveway permit will be required for the proposed connection the C-462. Applicant has contacted staff and discussed location(s).

Haul routes are acceptable.

(Aimee/Brad C.) We assumed the additional (20 trips) traffic from Gator Pond to from the Black Gold operations base will not adversely impact (exceed the permitted maximum of 40 TPD) on CR 237 ref: operational permit (OP 2006-005).

#### New Business:

#### 1. Miguel Perez Office - Medium Development - Conceptual Plan Review

Driveway permit will be required for the proposed connection the CR-542F.

Currently a 25 foot wide dedication exist on CR 542F fronting this proposed development, an additional 10 foot of right-ofways total and 25 foot is required an CR 542F.

way totaling 35 feet is required on CR 542F.

CR 542 F does not meet current design standards; currently it exists as a milled roadway. Per current BOCC direction any future improvements (resurfacing) must be accomplished under a MSBU (taxing district) by the adjacent property owners. PWD recommends this statement be included in any development, plat or document that runs with the property.

#### 2. Village of Faith Baptist Church - Medium Development - Conceptual & Engineering Review

Currently a 33 foot wide dedication (measured from the center of occupation) exists on C 462 fronting this proposed development. In the future up to 80 foot (total) right of way may be required to facilitate the improvement of C-462. It is recommended that no permanent structures be located within this are to mitigate any impact the future roadway improvement project may have.

Driveway permit will be required for the proposed connection the CR-127.

Currently a 25 foot wide dedication (measured from the center of occupation) exists on CR 127 fronting this proposed development. Current County R/W standards for a "rural local roadway" is 35 foot, as a result, it is recommended that the additional 10 foot of R/W be dedicated to the County at this time to facilitate compliance.

Minimum driveway radius is 25 for ingress and 35 foot for egress purposes.

William F. "Bill" Stevens, Jr., P.E.

Public Works Department

From: Cassels, Sandy

Sent: Thursday, July 02, 2009 11:55 AM

To: Bill Stevens; Burris, Brad; Cassels, Sandy; Chris Brimo; Cornelius, Brad; Dan Hickey; Derrill L. McAteer; Kenny Wilson; Parrett,

Dale; Rolland Shrewsbury; Webb, Aimee **Subject:** DRC agenda for July 20th

Hello everyone,

Attached you will find the DRC agenda for July 20<sup>th</sup>. The plans have been placed on the ftp site, in a folder titled July 20<sup>th</sup>. If you have any problems accessing the site, please contact Aimee or me.

From: Rolland\_Shrewsbury@doh.state.fl.us

Sent: Thursday, July 16, 2009 1:21 PM

To: Webb, Aimee; Keith\_Hunter@doh.state.fl.us; Cassels, Sandy

Subject: July 20 DRC meeting

Sandy,

Comments for the July 20, DRC are as follows:

Gator Pond - No comment.

Miguel Perez – As indicated the sewage permit has expired and another one will need to be issued, however the rule has changed and if the proposed phase 1 structure is as indicated then it would require a 900-tank with 250 sq ft df not 222 sq ft as indicated on the plans. A limited use water system approval is required prior to opening for business. An industrial and manufacturing operating permit will be required for the phase II sewage disposal system in the future.

Village of Faith – Any existing septic systems onsite should be properly abandoned (requires a permit and inspection from the Health Department).

Rolland D. Shrewsbury, R.S. Environmental Manager Sumter County Health Department P.O. Box 98 415 E. Noble Ave. Bushnell, Fl 33513 (352)793-7133 #3 Fax (352)793-6045

Please note: Florida has a very broad public records law. Most written communications to or from state officials regarding state business are public records available to the public and media upon request. Your e-mail communications may therefore be subject to public disclosure.

From:

Burris, Brad

Sent:

Friday, July 17, 2009 2:33 PM

To:

Webb, Aimee

Subject: RE: DRC comments

No comment

Brad Burris, Fire Marshal Deputy Chief Administration Sumter County Fire Rescue

From: Webb, Aimee

Sent: Friday, July 17, 2009 11:06 AM

To: 'Hickey, Dan'; Burris, Brad

**Cc:** Cassels, Sandy **Subject:** DRC comments

Good morning,

Do either of you have comments for Monday's DRC projects?

Thanks, Aimee Webb Development Coordinator Sumter County Planning and Development Phone: (352) 793-0270 ext. 2477

Fax: (352) 793-0274

#### Cassels, Sandy

From: Rolland\_Shrewsbury@doh.state.fl.us

Sent: Friday, June 05, 2009 2:25 PM

To: Webb, Aimee; Keith\_Hunter@doh.state.fl.us; Cassels, Sandy

Subject: DRC Meeting Monday June 8

Environmental Health has no comments for the DRC meeting 6/8/09

Rolland D. Shrewsbury, R.S. Environmental Manager Sumter County Health Department P.O. Box 98 415 E. Noble Ave. Bushnell, Fl 33513 (352)793-7133 #3 Fax (352)793-6045

Please note: Florida has a very broad public records law. Most written communications to or from state officials regarding state business are public records available to the public and media upon request. Your e-mail communications may therefore be subject to public disclosure.





June 5, 2009

3409 West Lemon Street Tampa, FL 33609-1433 813.875.1365 Fax 813.874.7656 tampa@volkert.com

Mrs. Aimee Webb Development Coordinator Sumter County Planning & Development 910 North Main Street, Suite 301 Bushnell, FL 33513

RE: Gator Pond Restoration - Special Use Permit Engineers Plan Review Comments Volkert # 967116

Dear Mrs. Webb:

Volkert completed the referenced site plan review and review of included documentation for the Gator Pond Restoration special use permit application for peat excavation, with the following findings:

- When diking, stockpiling and creating temporary barriers, the contractor shall mitigate stormwater runoff impacts to adjacent properties and CR 462.
- Contractor should provide Sumter County with a proposed mitigation plan, including an emergency management contingency plan for approval.
- Contractor needs to provide an Erosion Control Plan for each phase of the project, and also include a soil tracking device for the trucks prior to entering the highway to be submitted to the County for approval.
- 4. CR 462 is a 2-lane undivided highway; to mitigate traffic impacts during the AM and PM peak hour, it is recommended that hauling materials from the site should be prohibited between the hours of 6-9AM, and 4-6PM.
- Depending on the volume and frequency of truck traffic to and from the site, it is recommended that the contractor establish a temporary [exclusive] left-turn lane on CR 462, to the site, to avoid traffic conflicts/accidents.
- Mulch generally has an odor associated with it; please provide the method of odor control.
- 7. Provide to the County the schedule for the removal of muck from the project site.
- 8. Provide the County with a copy of all reports that are submitted to the other regulatory agencies at time of submittal.
- Submit for County approval within 48 hours of proposed work, notice if night and/or weekend work is required.
- 10. Signage will be required for trucks entering and leaving the Highway system.
- 11. Provide mitigation plans for restoration of the wetlands (including plant scheduling).
- 12. Sumter County shall be notified immediately if and when a spill occurs.
- Please provide the radius from the project site that was checked, where it was indicated no potable wells are located.

Based on the information provided, it is my professional opinion and to the best of my information and knowledge, the above referenced project meets general engineering standards. Approval should be contingent on the applicant/contractor addressing the items listed above.

Should you have any questions or comments regarding this matter, please feel free to contact our office.

Volkertie Assectates inc.

laride Professional Registration #34810



June 22, 2009

Brad Cornelius Planning Manager Sumter County 209 North Florida Street Bushnell, FL 33513-6146

Subject:

Special Use Permit Review Girl Scout Camp Wildwood

Gator Pond Restoration by Mining Black Gold Compost Company

Tt # 200-08476-09002

Mr. Cornelius:

As agreed, Tetra Tech's technical staff reviewed the above referenced proposed Special Use Permit project report and application. As described in the permit application and report provided to Tetra Tech by the County, the proposed project involves the restoration by mining of Gator Pond, an 84-acre lake located at the approximate 600-acre Camp Wildwood property, owned and operated by the Girl Scouts of West Central Florida. Our review was conducted using the report that accompanied your email on June 8, 2009, other publically available information such as the NRCS Soil Survey of Sumter County, Florida, applicable Sumter County rules and regulation, and information collected during a site inspection that was conducted by Tetra Tech on June 18, 2009.

Tetra Tech conducted a review of the special use permit application and the accompanying report as part of our continuing services agreement to provide hydrogeological and engineering services to Sumter County. The application and report provided for this project were technically reviewed to ensure that the information provided by the applicant conforms to Sumter County rules and regulations for mining of peat and the restoration efforts associated with this type of work.

Project Description

The Girl Scout Camp is located northwest of and adjacent to the corporate limits of the City of Wildwood in Sumter County. The subject property is located approximately 1 mile west of US Highway 301, and is bordered by County Road (CR) 462 to the south, CR 222 to the north, CR 209 to the east, with the main access to the camp via CR 223 from the west. The report included with the special use permit (SUP) application identifies Gator Pond as an 84-acre lake within the 600-acre Girl Scout Camp property. Gator Pond is located within the Withlacoochee River Basin of the SWFWMD in a closed outlet drainage system. It is proposed that the restoration of Gator Pond be conducted by removal of the unwanted vegetative material and mining of underlying peat and muck by

Mr. Brad Cornelius June 22, 2009 Page 2 of 6

the Black Gold Compost Company. The mined muck and peat material will be used as a retail and wholesale potting material for plant nurseries. Mining of peat and muck from Gator Pond would be conducted in phases where areas of the lake are sectioned off, mined, and later restored with native Florida vegetation. Mining and restoration activities are expected to last five to ten years and be completed sometime between 2016 and 2021.

Tetra Tech reviewed the SUP application and the attached restoration report provided by Weaver Boos Consultants, dated March 30, 2009, revised May 22, 2009 and offers the following questions/comments:

- 1) The applicant infers that there has been a significant change to the accessibility and the water quality at the lake. How does the applicant believe the hydrology has been altered at Gator Pond within the past 40+ years (if at all), which will require restoration by mining? If hydrological alteration is not suspected to be the cause of the wetland/pond's ecological degradation, then what is suspected to be the cause? What has the applicant proposed to reverse or prevent the "cause?"
- 2) What approximate percentage of native, exotic, and nuisance wetland plant species exist at Gator Pond as described on page 5 of Section 1.1 Ecological Conditions? Please provide details regarding these wetland plant species in the report or show on a map/figure. In FLUCCS code 618, in particular, there appears to be vegetation representing three distinct conditions:
  - a) Healthy succession plants (wax myrtle and buttonbush);
  - b) Nuisance or exotic plants (primrose willow and cattail);
  - c) Ruderal-disturbance early succession plants (elderberry and Carolina willow).

An understanding of the generalized percentages of this material or a UMAM analysis, etc. might better explain/justify the degradation of ecological value.

- 3) The water level data table referenced on page 6 in Section 1.2 Hydrologic Conditions of the attached report was not included. Please provide the reference table.
- 4) Page 6 of Section 1.3 Listed Species of the report referenced the closest known location of a bald eagle nest and referenced this location on the attached figure. Which figure shows the bald eagle nest location? If the bald eagle nest location is not shown on any of the figures, please provide or clarify this information.
- 5) Florida Administrative Code Section 62-348 addresses wetland permitting and mitigation for peat mining and the horticultural industry. This rule allows for the mitigation and disturbance of wetland areas for the mining of "high-quality peat."



For purposes of the application, the term high-quality peat was not defined in the Weaver Boos Consultant's report. Has the quality of the proposed peat to be mined from Gator Pond been determined? If so, please provide this information.

- 6) Page 12 of Section 3.1 Wetland Reclamation/Mitigation Goals of the report states that "mitigation for these impacts will be provided through restoration of the historic littoral marsh around the perimeter of Gator Pond and the reestablishing of open surface water area." How has or how will the applicant determine the historic state of the littoral marsh around the perimeter of Gator Pond and the historic open surface water area? In terms of the restoration efforts discussed, to what historical hydrologic and/or vegetative state will the applicant be restoring the lake? What will be the final acreage and area of the open water area after mining and restoration efforts have been conducted as compared to the existing condition? Please provide this information and show the proposed open water area after mining and restoration on a map/figure.
- 7) Page 13 of Section 3.2 Wetlands Reclamation/Mitigation Activities of the report refers to the grades of the side slopes of the reclaimed mining areas and states "All of the side slopes will be graded at a slope not to exceed six feet horizontal to one foot vertical to a depth of eight feet below the seasonal low water elevation." The applicant should include a typical cross section of the area to be mined at Gator Pond as well as a typical cross section of Gator Pond after mining has been completed. This will help verify that the intent of final grading and peat removal is not to simply increase the open surface water area and force the system to act more like a lacustrine system by removing its ability to function as a palustrine system.
- 8) Page 13 of Section 3.2 Wetlands Reclamation/Mitigation Activities of the report states "As the excavated muck material contains the seed source from the original wetlands, and natural recruitment from adjacent wetland systems will presumably occur, no additional herbaceous plantings are proposed unless necessary." The likelihood of unwanted wetland plant species to proliferate after mining is very high if the above reclamation plan is used, since the peat likely will contain the seeds of the wetland species that currently dominate the perimeter of the wetland impeding access to the open water areas. In addition, much of the seed source will be early succession species (ruderal species) which are adapted to colonize disturbed areas. Higher value species will not be expected to out-compete this prolific seed source under the severity of an excavated disturbance. We recommend planting of "desirable" herbaceous wetland species to ensure that unwanted wetland plant species do not proliferate after mining and reclamation. The applicant has used the term "desirable" wetland species but not defined which species are desirable. Much of the seed source is not desirable.



- 9) Page 13 of Section 3.2 Wetlands Reclamation/Mitigation Activities of the report states "Re-vegetation, either through the establishment of a muck blanket placed within the littoral zone (the preferred and usually most successful method), or through active planting, shall be completed in accordance with the best available wetland propagation technology." How deep of a muck blanket will be used during the reclamation activities after mining?
- 10) Page 13 of Section 3.2 Wetlands Reclamation/Mitigation Activities of the report states "Herbaceous wetlands shall achieve a ground cover of at least fifty percent at the end of one year." What specific wetland plant species is the applicant referring to in the above statement? Fifty percent cattail and primrose willow would not be consistent with "restoration."
- 11) Page 15 of Section 4.2 Hydrology Monitoring Methodology and Schedule of the report discusses the installation of piezometers for water level monitoring. This section states that "Each piezometer is to be constructed from two-inch Schedule 40 PVC pipe, with a minimum of two-foot section of the lower portion consisting of 0.01 mm slotted well screen pipe." We recommend piezometers be constructed of 0.01 inch slotted well screen from the bottom of the piezometer to the estimated seasonal high groundwater table at each proposed piezometer location. Accurate water levels are provided when the slotted screen section of the piezometer intersects the water table.
- 12) When referring to the success criteria of the reclamation/mitigation of the mined areas of Gator Pond page 16 of Section 4.4 Success Criteria of the report states
  - "- The ground cover has a minimum of eighty percent aerial cover of appropriate desirable wetland herbaceous species.

"- The mitigation area contains a maximum of ten percent nuisance and exotic species."

Please define clearly what wetland herbaceous species is to be considered "desirable." Also, it appears there is a missing category of success measurement or an incorrect value has been calculated. Please explain. What will the remaining ten percent of the reclaimed/mitigation areas consist of that is not "80% desirable" or "10% nuisance and exotic?"

13) Page 16 of Section 4.5 Reclamation Maintenance of the report states that "Maintenance activities shall include the removal of all nuisance or exotic plant species which may become established within the restoration/mitigation areas." Who will conduct this work, the applicant or the owner?



- 14) Page 16 of Section 4.5 Reclamation Maintenance of the report states that "If herbaceous cover does not exhibit evidence of natural recruitment from baseline conditions following one full year of growth, supplemental planting of the species listed on the Reclamation Plan will occur at a density determined to be appropriate by the qualified professional and/or regulatory agency personnel pursuant to site conditions and environmental considerations." Tetra Tech does not recommend waiting a full year to conduct supplemental planting of the species listed on the Reclamation Plan. What conditions (hydrology, chronic disturbance, water quality, etc.) will have changed at Gator Pond to prevent the current situation from repeating itself?
- 15) Page 17 of Section 5.2 Description of Operation of the report states that "Peat depth probing by Black Gold Composting Company indicates there is horticultural grade peat in Gator Pond, which will be mined at the site." How did Black Gold Composting Company determine that horticultural grade peat exists in Gator Pond? Is horticultural grade the same as high-quality peat? Please provide any reports, laboratory analyses, data, or maps showing the onsite probing locations. This information will help clarify questions regarding the quality and location of the peat/muck at Gator Pond.
- 16) Figure C2.2 FLUCCS & Wetlands is difficult to read the FLUCCS codes. Please provide a map that is easier to determine the area and the associated FLUCCS codes. In addition, please provide the current acreage or percentage (of the property or proposed mined area) of each FLUCCS code. Please compare the current FLUCCS codes with a historic map to determine what changes have taken place at the site.
- 17) When comparing Figure C2.2 FLUCCS & Wetlands with Figure C3.1 Phasing Plan it appears that the applicant is proposing to mine area defined as "Sand Live Oak Mixed Oak" (432) as well as "Vegetated Non-Forested Wetlands" (640). The site visit conducted by Tetra Tech verified that oak trees exist in area 432 and that wetland vegetation (native and exotic/nuisance species) exist in area 640, but that only 6-inches or less organic material exists at many of these areas (432 & 640). Tetra Tech does not recommend that these areas be mined as it does not appear to be beneficial to remove native oak species or native wetland vegetation (non exotic/nuisance species) when very little material is available for mining. Please provide an updated map showing the areas proposed for mining.

Please respond to the comments and questions above in reference to the application and attached report. Based upon review of the information included with the application and the site visit, Tetra Tech concurs that the open water areas of Gator Pond are essentially inaccessible due to the overgrowth of certain wetland species (Carolina willow and



Mr. Brad Cornelius June 22, 2009 Page 6 of 6

elderberry) and would benefit from the activities proposed if restoration efforts are indeed performed in a beneficial and sustainable manner. Additional information however is requested herein in order to provide Tetra Tech with assurance that the project is implemented according to Sumter County, FDEP, and SWFWMD rules and regulations and maintainable in a manner that would provide a long-term benefit to Gator Pond.

We look forward to receiving your responses and the additional information requested.

Very truly yours,

Tetra Tech

Miguel Garcia, PG

Project Manager

William Musser, PE, PH, PWS

Vice President

Attachments

MAG/cra/200-08476-09002/corresp /Black Gold SUP Comments.doc

c: Aimee Webb, Sumter County Charles Drake, PG, Tetra Tech Miguel Garcia, PG, Tetra Tech

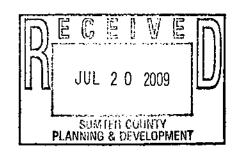


July 16, 2009

Brad Cornelius Planning Manager Sumter County 910 North Main Street, Ste. 301 Bushnell, FL 33513

Subject:

Special Use Permit Review
Girl Scout Camp Wildwood
Gator Pond Restoration by Mining
Black Gold Compost Company



Tt # 200-08476-09002

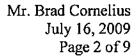
Dear Mr. Cornelius:

Tetra Tech's technical staff has reviewed the above referenced proposed Special Use Permit project report, application, and the recently submitted comment letter provided to the County by the applicant's Engineer (Weaver Boos Consultants), dated June 25, 2009, as well as additional attachments that were submitted to Tetra Tech via email on June 26, 2009. The comment letter dated June 25, 2009 and the additional attachments were generated in response to a letter provided to Sumter County by Tetra Tech summarizing our comments after review of the initial permit application and attached report (provided by Sumter County). The letter provided to the County by Tetra Tech was dated June 22, 2009 and requested clarification and/or the submittal of additional information not found in the initial report included with the special use permit application.

Our review of the latest submittal by the applicant was conducted using the report that accompanied your email on June 8, 2009, the comment letter provided to the County by Weaver Boos Consultants, dated June 25, 2009, the additional attachments provided via email, other publically available information such as the NRCS Soil Survey of Sumter County, Florida, applicable Sumter County rules and regulation, and information collected during a site inspection that was conducted by Tetra Tech on June 18, 2009.

Tetra Tech conducted a review of the special use permit application and the accompanying report as part of our continuing services agreement to provide hydrogeological and engineering services to Sumter County. The application, report, the comment letter provided to the County by Weaver Boos Consultants, dated June 25, 2009, and the additional attachments provided via email were technically reviewed to ensure that the information provided by the applicant conforms to Sumter County rules and regulations for mining of peat and the restoration efforts associated with this type of work.

This submittal summarizes the response comments provided by the applicant's Engineer





to comments and questions provided by Tetra Tech in a letter dated June 22, 2009 to the County. The applicant Engineer's comments are provided in **bold** with Tetra Tech's subsequent comments provided in *italics*.

#### Comment:

#### 1. Historic Hydrology

The applicant does not believe that the hydrology of Gator Pond has or can be altered in any way. As shown on the plan, there has been a loss of open water due to increased vegetative growth that can be documented through aerial photographs for over forty years. Based on that and other anecdotal evidence, it can be extrapolated that this process has been occurring for a number of years.

As with many other water bodies, the most likely reason for this increase in vegetative growth within Gator Pond is the run-off of nutrients into the water body. The surrounding area is historically agricultural, and it can be assumed that this would be source of these nutrients.

The property owner and applicant do intend to reverse the loss of use through this process. The property owner and applicant intend to design and introduce a number of measures (such as Recharge/treatment swales) to facilitate the continued health of the water body. However, as the water body appears to be within a closed basin, the water body will continue to accept run-off from surrounding property owners. Unfortunately the applicant cannot dictate the quality of the run-off that enters the water body from these surrounding properties.

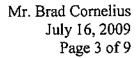
Response: The applicant's response in regards to the "cause" of the change to the accessibility and the water quality at the lake speculates that the shift in vegetation to more nuisance, exotic, and ruderal species is due to offsite nutrient loading and not hydrological alteration. For the land use application this explanation appears to be reasonable.

#### Comment:

#### 2. Wetland Plant Species

The applicant has not undertaken a detailed vegetative analysis beyond a visual survey, both on the site and using aerial photography. The applicant can include the requested information as part of the detailed Development Plan. This would include a detailed UMAM analysis.

Response: We concur with the applicant's comment that the information requested is not necessarily required at this point of the entitlement process. The applicant will be





required, however, to provide the UMAM analysis with the detailed Development Plan, and require the submittal of this information as a condition of approval to the special use permit.

#### Comment:

#### 3. Water Level Data

The water level data has been supplied directly to Tetra Tech via email.

Response: The water level data referenced in the attached report has been provided by the applicant and no additional information is required to address the comment above.

#### Comment:

#### 4. Bald Eagle Nest

The nearest known Bald Eagle nest is five miles from the project site. The map has been supplied directly to Tetra Tech via email.

Response: A map showing the approximate location of the nearest bald eagle nest has been provided by the applicant and no additional information is needed to address the comment above.

#### Comment:

#### 5. Quality of Peat

It would be financially unreasonable for the applicant to mine peat from a site if it was not of a quality that can be used by the applicant in his business operations. As part of the detailed Development Plan, the applicant will demonstrate the depth and expectations regarding the peat to be mined.

Response: We recommend that the applicant provides the analysis and determination of the quality of peat with the detailed Development Plan, and require the submittal of this information as a condition of approval to the special use permit.

#### Comment:

#### 6. Open Water Area

As noted above, the historical aerial photographs clearly demonstrate a loss of open water during the last forty years. FDEP regulations, in very general terms, allow a sixty percent increase in the open water surface area. The applicant intends to work with FDEP to establish a baseline historical open water surface area as part of the



Mr. Brad Cornelius July 16, 2009 Page 4 of 9

detailed Development Plan. The final open water surface area will then comply with FDEP regulations.

Response: The applicant's response is a reasonable explanation in regards to the historic and current open water conditions at Gator Pond, and correct in regards to the FDEP rule that allows a sixty percent increase in open water surface area. Our purpose in requesting the information above was to understand conceptually how the applicant plans to restore Gator Pond. It would be useful to us (and Sumter County) to understand at the land use entitlement phase, the intent of the mining/restoration plan, i.e. is an increase in open water areas to the maximum limit allowed by the FDEP or restoration of Gator Pond to a historical ecological condition (based on aerial or anecdotal information) the actual intent of the project?

#### Comment:

#### 7. Typical Cross Sections

As noted above, this will be addressed as part of the detailed Development Plan.

Response: We concur with the applicant's comment that the information requested is not necessarily required at this point. The applicant must provide a typical cross section of the areas to be mined at Gator Pond as well as a typical cross section of Gator Pond after mining has been completed with the detailed Development Plan, and require the submittal of this information as a condition of approval to the special use permit.

#### Comment:

#### 8. Final Planting Plans

As noted above, this will be addressed as part of the detailed Development Plan.

Response: We concur with the applicant's comment that detailed information is not required at this point. We recommend, however, that the applicant provides at least some conceptual information regarding which wetland species are deemed "desirable" for use during reclamation/mitigation activities during the land use entitlement phase. Detailed specifications can be worked out with the detailed Development Plan, and the submittal of this information can be included as a requirement as a condition of approval to the special use permit.

#### Comment:

#### 9. Depth of Final Muck

As noted above, this will be addressed as part of the detailed Development Plan.



Response: We would have expected a little more due-diligence work on the muck depth prior to initiating the land use application, however, if the applicant wishes to proceed without the due-diligence, the detailed study can be deferred. The applicant must provide information regarding the thickness of the muck blanket and details of how they plan to re-vegetate the wetland reclamation/mitigation areas with the detailed Development Plan, and require the submittal of this information as a condition of approval to the special use permit.

#### Comment:

#### 10. Final Ground Cover

Obviously, the applicant does not intend to reintroduce undesirable species back into the wetland system. This would refer only to desirable species. As noted above, this will be further addressed as part of the detailed Development Plan. The applicant would welcome a condition to the special use permit to address this concern that would specifically only allow desirable species (with the exact species to be determined) as part of the reclamation plan within detailed Development Plan.

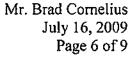
Response: The applicant must provide some sense of what their interpretation of "desirable" plants and "undesirable" plants to confirm that this land use application is indeed a "restoration" project and not simply creating a deeper lake from a historic wetland marsh. We concur, however, that the applicant may provide construction level information regarding the specific wetland species used to re-vegetate the wetland reclamation/mitigation areas with the detailed Development Plan, and require the submittal of this information as a condition of approval to the special use permit.

#### Comment:

#### 11. Design of Piezometers

This design was taken directly from a peat mine application that was permitted by FDEP within the last twenty-four months in Lake County. However, as noted above, this will be further addressed as part of the detailed Development Plan.

Response: We concur with the applicant's comment that the information requested is not necessarily required at this point. We recommend that the applicant provides detailed information regarding the design of the piezometers with the detailed Development Plan, and require the submittal of this information as a condition of approval to the special use permit.





#### Comment:

#### 12. Desirable Species

As noted above, this will be addressed as part of the detailed Development Plan. The applicant would welcome a condition to the special use permit to address this concern that would specifically only allow desirable species (with the exact species to be determined) as part of the reclamation plan within detailed Development Plan.

Response: Please see Comment #8 and #10.

#### Comment:

#### 13. Final Maintenance

The applicant and the owner will develop a final maintenance agreement that will eventually transfer the maintenance from the applicant to the owner. As noted above, this will be further addressed as part of the detailed Development Plan.

Response: Please note that whatever agreement is created to transfer the responsibilities of the maintenance activities from the applicant to the owner should be sustainable at the time of transfer and in the future. It should be generally understood that the Girl Scouts do not generate substantial revenue and therefore whatever plan is proposed should be feasible within their current and future operating budget. We recommend that the applicant provides some conceptual information regarding the proposed intent of maintenance. The final maintenance agreement that will eventually transfer the maintenance from the applicant to owner should be submitted with the detailed Development Plan, and included as a requirement as a condition of approval to the special use permit.

#### Comment:

#### 14. Reclamation Maintenance

Please see the response to Item 1. above. This schedule is consistent with previous peat mine reclamations plans that have been approved by FDEP. However, the applicant is willing to consider a different schedule as part of the detailed Development Plan.

Response: We recommend that the applicant provides detailed information regarding the timeframe required prior to including supplemental planting of desirable wetland species, if the herbaceous cover does not re-vegetate the wetland reclamation/mitigation areas as planned and include this information with the detailed Development Plan, and require the submittal of this information as a condition of approval to the special use permit.



#### Comment:

#### 15. Depth and Quality of Peat

Please see response to Item 5. above. The applicant has a forty year history of mining peat in the area and conducted a thorough investigation of the subject property. The depth of the peat will be included as part of the cross sections in the detailed Development Plan. Additional details will be included as part of the detailed Development Plan.

Response: Please see Comment #9.

#### Comment:

#### 16. FLUCCS

The FLUCCS has been supplied directly to Tetra Tech via email. As historic aerial photographs are of low resolution, it is very difficult to make a determination of historic FLUCCS designation (outside of open water) within the water body.

Response: An  $11 \times 17$  inch FLUCCS & Wetlands map (C2.2) was provided to Tetra Tech by the applicant via email. The revised map is easier to read and thus determining the FLUCCS code areas at the site is easier to interpret.

The applicant still has not provided any acreages or percentages of the areas to be mined by FLUCCS code as previously requested. In addition, we understand that historical aerials are often of low resolution, and thus difficult to make a determination of historic FLUCCS designation at the site. Our purpose in requesting the information above was to understand conceptually how the applicant plans to restore Gator Pond. It would be useful to us (and Sumter County) to understand the intent of the mining/restoration plan, i.e. is the intent to increase the open water areas to the maximum limit allowed by the FDEP or restoration of Gator Pond to a historic ecological condition? We would like the applicant to conceptually explain their intent of land use change, pre and post mining, using FLUCCS codes.

#### Comment:

#### 17. Depth of Peat

As noted above, the depth of the peat will be included as part of the cross sections in the detailed Development Plan.



Mr. Brad Cornelius July 16, 2009 Page 8 of 9

Response: We recommend that the applicant provides cross sections showing the depth and the quality of peat with the detailed Development Plan, and require the submittal of this information as a condition of approval to the special use permit. We did spot probe some of the areas from your application and found no peat in the "Sand Live Oak – Mixed Oak" (432) area. This should be removed from the application. We do advise you look carefully at the areas designated as "Vegetated Non-Forested Wetlands" (640), as our probing suggested that these areas may have "desirable" vegetation you wish to remove but will receive little to no peat in return.

#### Comment:

In Detail

Access Management

The applicant will be prepared at the DRC meeting to discuss the considerations and concerns for each access alternative and select an alternative during that meeting.

Response: Comment noted.

Comment:

Groundwater

This project should have no impact on water wells outside of the subject property. The temporary localized depression of the shallow water table will be accomplished with no net discharge from the property and conserve essentially all of the water that Rather than discharging the water from the property, it will be immediately recharged back to the water table as near as possible to the excavation. The dewatering will be done by excavating trenches or pits inside the proposed excavation area and then using portable pumps to depress the water table just enough to excavate the muck. Because the muck cannot be allowed to dry out, the water table will be locally depressed just enough to excavate and no more than this. Immediate replacement of the groundwater by pumping it into an adjoining portion of Gator Pond will locally raise the water table. At distances greater than a few hundred feet from the work area, these two opposite influences will tent to balance each other out and the net effect on shallow water table levels will be no greater than a few inches, which is less than the natural fluctuations that occur with the change of seasons. The only net loss of water that might result from the operation would be a small increase in evaporation during physical disturbance of the work area.

Even though the project's impact on nearby water able levels is expected to be negligible, the operator will be required to actively monitor groundwater levels on the property as needed to verify that there are no significant effect on water levels

## TE TETRA TECH

Mr. Brad Cornelius July 16, 2009 Page 9 of 9

beyond the property boundary. Monitoring of groundwater levels will include the installation of piezometers (wells screened in the water table) and periodic measurements while the work is under way. In the unlikely event that the nearby water table is unduly depressed in a particular area, water table recharge locations will be immediately adjusted to restore the required balance of water movement and recharge.

Response: We concur with the applicant's comments above in regard to water levels for the proposed work. If the water is not being pumped offsite and only being routed from one area to another for the purpose of mining an isolated area of Gator Pond, water levels should not be affected greatly at the property boundaries, thus affecting adjacent property owners.

We recommend that the applicant be required to monitor water levels by installing onsite piezometers and regularly checking water levels. This information should be included in the detailed Development Plan, and the submittal of this information should be required as a condition of approval to the special use permit.

Tetra Tech does not have any additional requests for information from the applicant at this time. We would like responses to the comments and questions above (Comment Nos. 6, 8, 10, 12, 13, and 16) in reference to the application and attached report. We recommend that the County include that the submittal of the information above in the detailed Development Plan by the applicant be required as a condition of approval for the special use permit.

Very truly yours,

Tetra Tech

Miguel Garcia, PG Project Manager William Musser, PE, PH, PWS

Vice President

Attachments

MAG/cra/sma/200-08476-09002/corresp /Black Gold Resp.mag

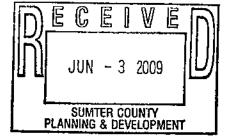
C: Aimee Webb, Sumter County Charles Drake, P.G., Tetra Tech

## Division of Planning & Development Planning Department

910 North Main Street, Suite 301 • Bushnell, FL 33513-6146 • Phone (352) 793-0270 • FAX: (352) 793-0274

SunCom: 665-0270 • Website: http://sumtercountyfl.gov/plandevelop

### NOTICE OF PUBLIC HEARING



May 20, 2009

TILLMAN GORDON & LINDA KAY 2951 E CR 462 WILDWOOD, FL 34785

To property owners whose property boundaries are within a distance of 150 feet of the outside perimeter of property in the name <u>The Heart of Florida Girl Scout Council</u>. This property is being considered for a Special Use Permit at a public hearing.

CASE# S2009-0010 REQUESTED ACTION: Major Special Use Permit to allow the excavation of peat.

A public hearing before the Sumter County Zoning and Adjustment Board will be held at 910 N. Main Street, Room 142, Bushnell, FL 33513 on Monday, June 15, 2009, at 6:30 p.m.

A public hearing before the Sumter County Board of County Commissioners will be held at 910 N. Main Street, Room 142, Bushnell, FL 33513, on <u>Tuesday, July 14, 2009</u> at <u>5:30 p.m.</u>

The property is located as follows: Wildwood/Oxford area: North on US 301. West on C-462. The property is located between CR 209 & CR 223 on the north side of the road.

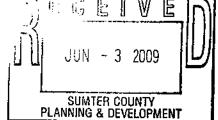
Diteo, Date 201, 240, 140	
I approve of the above.  I do not approve of the above for the following  ULL AULI AO TO HAL ROC	reason(s): Concerned with damage ads. Is this going to be
addressed in some wa	4? I have no problem with
Please return no later than June 5, 2009	RE: CASE# <u>\$2009-0010.</u>
exeavation of plat but	ssed before approval.
155he to be addres	ssed before approval.

Division of Planning & Development

Planning Department
910 North Main Street, Suite 301 • Bushnell, FL 33513-6146 • Phone (352) 793-0276 • FAX: (352) 793-0274

SunCom: 665-0270 • Website: http://sumtercountyfl.gov/plandevelop

### NOTICE OF PUBLIC HEARING



May 20, 2009

PUPO TOMAS A, JR & MARIE E 740 8TH LANE HIALEAH, FL 33010

To property owners whose property boundaries are within a distance of 150 feet of the outside perimeter of property in the name <u>The Heart of Florida Girl Scout Council</u>. This property is being considered for a Special Use Permit at a public hearing.

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I approve of the above.  I do not approve of the above for the following reason(s): THE EVELT THE TRAFFE  EQUIPMENT W. W. HAVE ON THE ALREADY DETERIORATING ROADS IN THE AT  DISBUPTION OF NEIGHBURY LIFE CLUB TO THE COMMERCIAL NOISE OF HEAVEY  RE: CASE# S2009-0010.	<del></del>
Please return no later than <u>June 5, 2009</u> RE: CASE# <u>\$2009-0010.</u>	

# Board of Sumter County Commissioners Division of Planning & Development Planning Department 910 North Main Street, Suife 301 • Bushnell, FL 33513-6146 • Phone (352) 793-0270 • FAX: (352) 793-0274 SunCom: 665-0270 • Website: http://sumtercountyfl.gov/plandevelop

NOTICE OF PUBLIC HEARING
May 20, 2009  JUN - 5 2009
HAGINS TRELLIS D 2602 APACHE LN SUMTER COUNTY PLANNING & DEVELOPMENT
<b>Fo property owners</b> whose property boundaries are within a distance of 150 feet of the outside perimeter or property in the name <b>The Heart of Florida Girl Scout Council.</b> This property is being considered for a Special Use Permit at a public hearing.
CASE# <u>S2009-0010</u> REQUESTED ACTION: Major Special Use Permit to allow the excavation of peat.
A public hearing before the Sumter County Zoning and Adjustment Board will be held at 910 N. Main Street, Room 142, Bushnell, FL 33513 on Monday, June 15, 2009, at 6:30 p.m.
A public hearing before the Sumter County Board of County Commissioners will be held at 910 N. Main Street, Room 142, Bushnell, FL 33513, on <u>Tuesday, July 14, 2009</u> at5:30 p.m.
The property is located as follows: Wildwood/Oxford area: North on US 301. West on C-462. The property located between CR 209 & CR 223 on the north side of the road.
Written comments filed with the Zoning and Adjustment Board, 910 North Main Street, Suite 301, Bushnell, Florid 33513 will be heard. Hearings may be continued from time to time as found necessary. Any questions you may have should be directed to: SUMTER COUNTY ZONING AND BUILDING DEPARTMENT, 910 North Main Street, Suite 301, Bushnell, Florida 33513.
I approve of the above.  X i do not approve of the above for the following reason(s): I plan to build a home on my property - This special use permit sounds like destruction to the property across the street from my property and an eye sove-will the property be restored?  Please return no later than June 5, 2009  RE: CASE#

I approve of the above.  I do not approve of the above for the following reason  Torn up Roads; Noiset Poll  Have environmental Shulies	(s): Speeding dumptrucks; ution inthe bird sonduary. been performed regarding the
Please return no later than August 10, 2009	RE: CASE# <u>\$2009-0010.</u> Excauntio
How long is this project	expected to last?  DECEIVED  AUG-5 2009
	SUMTER COUNTY PLANNING & DEVELOPMENT

## Board of Sumter County Commissioners Division of Planning & Development

Planning Department 910 North Main Street, Suite 301 • Bushnell, FL 33513-6146 • Phone (352) 793-0270 • FAX: (352) 793-0274

SunCom: 665-0270 • Website: http://sumtercountyfl.gov/plandevelop

NOTICE OF PUBLIC H	EARING
May 20, 2009	DECEIVED JUN - 1 2009
COSTELLO G T & LENORE V* 215 LAKEVIEW BLVD LAKE ALFRED, FL 33850	SUMTER COUNTY PLANNING & DEVELOPMENT
To property owners whose property boundaries are within a diproperty in the name The Heart of Florida Girl Scout Council. The Permit at a public hearing.	istance of 150 feet of the outside perimeter of his property is being considered for a Special Use
CASE# <u>S2009-0010</u> REQUESTED ACTION: Major Special U	se Permit to allow the excavation of peat.
A public hearing before the Sumter County Zoning and Adjustmen Room 142, Bushnell, FL 33513 on Monday, June 15, 2009,	t Board will be held at 910 N. Main Street, at <u>6:30 p.m.</u>
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The property is located as follows: Wildwood/Oxford area: No located between CR 209 & CR 223 on the north side of the road.	rth on US 301. West on C-462. The property is
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Please return no later than June 5, 2009 RE: CASE	E# <u>S2009-0010.</u>

#### Division of Planning & Development **Planning Department**

910 North Main Street, Suite 301 . Bushnell, FL 33513-6146 . Phone (352) 793-0270 . FAX: (352) 793-0274 SunCom: 665-0270 . Website: http://sumtercountyfl.gov/plandevelop

July 24, 2009

215 LAKEVIEW BLVD

Permit at a public hearing.

Please return no later than August 10, 2009

### NOTICE OF PUBLIC HEAR JUL 3 0 2009 COSTELLO G T & LENORE V\* SUMTER COUNTY PLANNING & DEVELOPMENT LAKE ALFRED, FL 33850 To property owners whose property boundaries are within a distance of 150 feet of the outside perimeter of property in the name The Heart of Florida Girl Scout Council. This property is being considered for a Special Use CASE# S2009-0010 REQUESTED ACTION: Major Special Use Permit to allow the excavation of peat. A public hearing before the Sumter County Zoning and Adjustment Board will be held at 910 N. Main Street, Room 142, Bushnell, FL 33513 on Monday, August 17, 2009, at 6:30 p.m. A public hearing before the Sumter County Board of County Commissioners will be held at 910 N. Main Street, Room 142, Bushnell, FL 33513, on Tuesday, September 8, 2009 at 5:30 p.m. The property is located as follows: Wildwood/Oxford area: North on US 301. West on C-462. The property is located between CR 209 & CR 223 on the north side of the road. Written comments filed with the Zoning and Adjustment Board, 910 North Main Street, Suite 301, Bushnell, Florida 33513 will be heard. Hearings may be continued from time to time as found necessary. Any questions you may have should be directed to: SUMTER COUNTY ZONING AND BUILDING DEPARTMENT, 910 North Main Street, Suite 301, Bushnell, Florida 33513. I approve of the above. I do not approve of the above for the following reason(s): \_\_\_\_\_

S2009-0010.

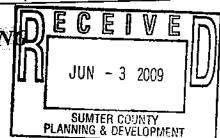
RE: CASE# \_\_\_\_

## Division of Planning & Development Planning Department

910 North Main Street, Suite 301 • Bushnell, FL 33513-6146 • Phone (352) 793-0270 • FAX: (352) 793-0274

SunCom: 665-0270 • Website: http://suntercountyfl.gov/plandevelop

## NOTICE OF PUBLIC HEARIN



May 20, 2009

WINIARSKI JOSEPH JR & NANCY 1945 E CR 462 WILDWOOD, FL 34785

To property owners whose property boundaries are within a distance of 150 feet of the outside perimeter of property in the name <u>The Heart of Florida Girl Scout Council</u>. This property is being considered for a Special Use Permit at a public hearing.

CASE# <u>S2009-0010</u> REQUESTED ACTION: Major Special Use Permit to allow the excavation of peat.

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Succes, Suite 501, Dustinon, Florida 1-1		
I approve of the above. I do not approve of the above for the following	reason(s):	
Please return no later than June 5, 2009	RE: CASE# <b>S2009-0010</b> .	

## Division of Planning & Development Planning Department

910 North Main Street, Suite 301 . Bushnell, FL 33513-6146 . Phone (352) 793-0270 . FAX: (352) 793-0274

SunCom: 665-0270 • Website: http://sumtercountyfl.gov/plandeyelop

# NOTICE OF PUBLIC HEARING SUM - 3 2009 SUMTER COUNTY

PLANNING & DEVELOPMENT

May 20, 2009

CRENSHAW JOANN &, WOODY, ELIZA 3365 CR 222 WILDWOOD, FL 34785

To property owners whose property boundaries are within a distance of 150 feet of the outside perimeter of property in the name <u>The Heart of Florida Girl Scout Council</u>. This property is being considered for a Special Use Permit at a public hearing.

CASE# S2009-0010 REQUESTED ACTION: Major Special Use Permit to allow the excavation of peat.

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I approve of the above.		
I do not approve of the above for the follo	owing reason(s):	
Please return no later thanJune 5, 2009	RE: CASE# <u>\$2009-0010.</u>	

## Division of Planning & Development Planning Department

910 North Main Street, Suite 301 • Bushnell, FL 33513-6146 • Phone (352) 793-0270 • FAX: (352) 793-0274
SunCom: 665-0270 • Website: http://sumtercountyfl.gov/plandevelop

### NOTICE OF PUBLIC HEARING

May 20, 2009

DAVIS THEODORE E & NINA JEAN 9844 NE 17TH PATH WILDWOOD, FL 34785



To property owners whose property boundaries are within a distance of 150 feet of the outside perimeter of property in the name <u>The Heart of Florida Girl Scout Council</u>. This property is being considered for a Special Use Permit at a public hearing.

CASE# S2009-0010 REQUESTED ACTION: Major Special Use Permit to allow the excavation of peat.

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X I approve of the above.     I do not approve of the above for the following	reason(s):
Please return no later than June 5, 2009	RE: CASE# <b>S2009-0010</b> .

# Board of Sumter County Commissioners Division of Planning & Development Planning Department Old Nigeth Main Street State 201 & Bushwell El 23513-6146 & Phone (352) 703-0270 & FAX: (352) 703-0274

910 North Main Street, Suite 301 • Bushnell, FL 33513-6146 • Phone (352) 793-0270 • FAX: (352) 793-0274

SunCom: 665-0270 • Website: http://sumtercountyfl.gov/plandevelop....

NOTICE OF PUBLIC HEARING	
May 20, 2009	
HALL JAMES M & BARBARA L 10191 CR 223 OXFORD, FL 34484	
To property owners whose property boundaries are within a distance of T50 feet of the outside perimeter of property in the name The Heart of Florida Girl Scout Council. This property is being considered for a Special Use Permit at a public hearing.	
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I approve of the above.  I do not approve of the above for the following reason(s): We want more information from new much - ingress regress to site	
Please return no later than June 5, 2009 RE: CASE# S2009-0010.	

## Division of Planning & Development Planning Department

910 North Main Street, Suite 301 • Bushnell, FL 33513-6146 • Phone (352) 793-0270 • FAX: (352) 793-0274

SunCom: 665-0270 • Website: http://sumtercountyfl.gov/plandevelop

### NOTICE OF PUBLIC HEARING

May 20, 2009 - 8 2009 LASTINGER LYDIA GAIL 5630 STONELEIGH DR SUWANEE, GA 30024 SUMTER COUNTY PLANNING & DEVELOPMENT a distance of 150 feet of the outside perimeter of To property owners whose property boundaries are within property in the name The Heart of Florida Girl Scout Council. This property is being considered for a Special Use Permit at a public hearing. CASE# S2009-0010 REQUESTED ACTION: Major Special Use Permit to allow the excavation of peat. A public hearing before the Sumter County Zoning and Adjustment Board will be held at 910 N. Main Street, Room 142, Bushnell, FL 33513 on Monday, June 15, 2009, A public hearing before the Sumter County Board of County Commissioners will be held at 910 N. Main Street, Room 142, Bushnell, FL 33513, on Tuesday, July 14, 2009 at 5:30 p.m. The property is located as follows: Wildwood/Oxford area: North on US 301. West on C-462. The property is located between CR 209 & CR 223 on the north side of the road. Written comments filed with the Zoning and Adjustment Board, 910 North Main Street, Suite 301, Bushnell, Florida 33513 will be heard. Hearings may be continued from time to time as found necessary. Any questions you may have should be directed to: SUMTER COUNTY ZONING AND BUILDING DEPARTMENT, 910 North Main Street, Suite 301, Bushnell, Florida 33513. I approve of the above. I do not approve of the above for the following reason(s):

Please return no later than June 5, 2009

RE: CASE# <u>\$2009-0010</u>.

# Board of Sumter County Commissioners Division of Planning & Development Planning Department 910 North Main Street, Suite 301 • Bushnell, FL 33513-6146 • Phone (352) 793-0270 • FAX: (352) 793-0274 SunCom: 665-0270 • Website: http://sumtercountyfl.gov/plandevelop

NOTICE OF PUBLIC HEARING
May 20, 2009
NEWMONS L A & JACQUELINE  3220 E CR 462  WILDWOOD, FL 34785  JUN - 8 2009  SUMTER COUNTY PLANNING & DEVELOPMENT
<b>Fo property owners</b> whose property boundaries are within a distance of 150 feet of the outside perimeter of property in the name <b>The Heart of Florida Girl Scout Council.</b> This property is being considered for a Special Use Permit at a public hearing.
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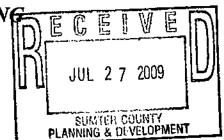
## Division of Planning & Development Planning Department

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NOTICE OF PUBLIC HEARING

July 24, 2009

LEAVITT BOB & KATZEN TANYA H/W 2626 SE 15TH ST OCALA, FL 34471



To property owners whose property boundaries are within a distance of 150 feet of the outside perimeter of property in the name <u>The Heart of Florida Girl Scout Council</u>. This property is being considered for a Special Use Permit at a public hearing.

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SunCom: 665-0270 • Website: http://sumtercountyfl.gov/plandevelop

NOTICE OF PUBLI	CHEARINGGE VED
July 24, 2009	JUL 3 1 2009
DRIGGERS R E & RONALD H 1806 19TH AVE SW VERO BEACH, FL 32962	SUMTER COUNTY PLANNING & DEVELOPMENT
To property owners whose property boundaries are within property in the name The Heart of Florida Girl Scout Countermit at a public hearing.	
CASE# <u>S2009-0010</u> REQUESTED ACTION: Major Spe	cial Use Permit to allow the excavation of peat.
A <b>public hearing</b> before the Sumter County Zoning and Adju Room 142, Bushnell, FL 33513 on <u>Monday, August 17, 2</u>	
A public hearing before the Sumter County Board of County Room 142, Bushnell, FL 33513, on <u>Tuesday, September 8, 3</u>	
The property is located as follows: Wildwood/Oxford area located between CR 209 & CR 223 on the north side of the ro	
Written comments filed with the Zoning and Adjustment Boa 33513 will be heard. Hearings may be continued from time have should be directed to: SUMTER COUNTY ZONING Street, Suite 301, Bushnell, Florida 33513.	to time as found necessary. Any questions you may
I approve of the above.  I do not approve of the above for the following reason	(s):
Please return no later than _August 10, 2009	RE: CASE#

# Board of Sumter County Commissioners Division of Planning & Development Planning Department 910 North Main Street Suite 301 & Bushnell El 33513-6146 & Phone (357) 702 0270 & EAV (352) 702 0274

910 North Main Street, Suite 301 • Bushnell, FL 33513-6146 • Phone (352) 793-0270 • FAX: (352) 793-0274
SunCom: 665-0270 • Website: http://sumtercountyfl.gov/plandevelop

NOTICE OF PUBLIC HEAR	MECELVE EN
July 24, 2009	AUG - 3 2009
WATSON CLAYTON & BARBARA 9770 COUNTY ROAD 209 WILDWOOD, FL 34785	SUMTER COUNTY PLANNING & DEVELOPMENT
<b>Fo property owners</b> whose property boundaries are within a distance of property in the name <b>The Heart of Florida Girl Scout Council</b> . This proper Permit at a public hearing.	f 150 feet of the outside perimeter of ty is being considered for a Special Use
CASE# <u>S2009-0010</u> REQUESTED ACTION: Major Special Use Permit	t to allow the excavation of peat.
A <b>public hearing</b> before the Sumter County Zoning and Adjustment Board w Room 142, Bushnell, FL 33513 on Monday, August 17, 2009, at 6:30 p.n	ill be held at 910 N. Main Street, n.
A public hearing before the Sumter County Board of County Commissioners Room 142, Bushnell, FL 33513, on <u>Tuesday, September 8, 2009</u> at5:3	will be held at 910 N. Main Street, <b>0 p.m.</b>
The property is located as follows: Wildwood/Oxford area: North on US located between CR 209 & CR 223 on the north side of the road.	301. West on C-462. The property is
Written comments filed with the Zoning and Adjustment Board, 910 North M. 33513 will be heard. Hearings may be continued from time to time as found as should be directed to: SUMTER COUNTY ZONING AND BUILDI Street, Suite 301, Bushnell, Florida 33513.	nd necessary. Any questions you may
I approve of the above.  I do not approve of the above for the following reason(s):	

Please return no later than August 10, 2009

RE: CASE# \_\_\_

S2009-0010.

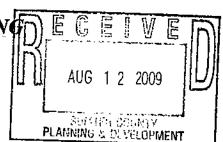
## Division of Planning & Development Planning Department

910 North Main Street, Suite 301 • Bushnell, FL 33513-6146 • Phone (352) 793-0270 • FAX: (352) 793-0274
SunCom: 665-0270 • Website: http://sumtercountyfl.gov/plandevelop

#### NOTICE OF PUBLIC HEARING

July 24, 2009

LASTINGER LYDIA GAIL 5630 STONELEIGH DR SUWANEE, GA 30024



To property owners whose property boundaries are within a distance of 150 feet of the outside perimeter of property in the name <u>The Heart of Florida Girl Scout Council</u>. This property is being considered for a Special Use Permit at a public hearing.

CASE# <u>S2009-0010</u> REQUESTED ACTION: Major Special Use Permit to allow the excavation of peat.

A public hearing before the Sumter County Zoning and Adjustment Board will be held at 910 N. Main Street, Room 142, Bushnell, FL 33513 on Monday, August 17, 2009, at 6:30 p.m.

A public hearing before the Sumter County Board of County Commissioners will be held at 910 N. Main Street, Room 142, Bushnell, FL 33513, on <u>Tuesday, September 8, 2009</u> at \_\_\_\_\_\_ 5:30 p.m.

The property is located as follows: Wildwood/Oxford area: North on US 301. West on C-462. The property is located between CR 209 & CR 223 on the north side of the road.

I approve of the above.  I do not approve of the above for the following reas	on(s):
Please return no later than August 10, 2009	RE: CASE# <b>\$2009-0010</b> .